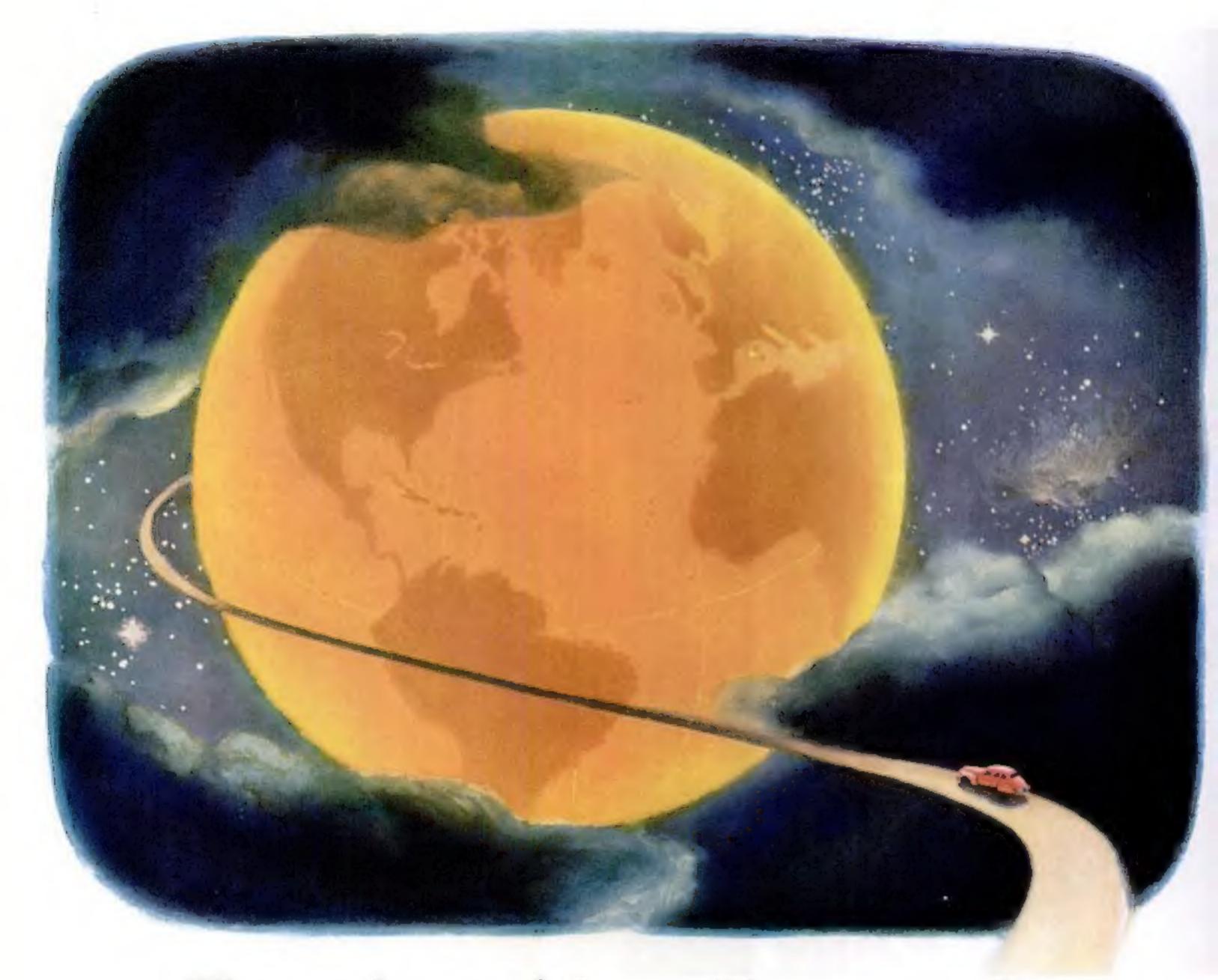


FEBRUARY 16, 1942 U CENTS



The roadways of the world are worn deep with Studebaker wheel marks

STUDEBAKER has written its share of history on the roadways of the world. No name in transportation is more closely linked with stirring deeds.

Through times of crisis and of triumph under the dark clouds of war and the clear skies of peace—on missions of mercy—and in the vanguard of exploration and commercial development, Studebaker cars and trucks have notably contributed to the march of progress.

For ninety years, Studebaker has played a part in our nation's tremendous expansion—and Studebaker, to the best of its abilities, is pledged to help keep our flag of freedom flying now.

One of the earliest organizations to read the magic implications of the "horseless carriage", Studebaker did much to stimulate and hasten its development into a vital daily necessity. In

fact, every motorized vehicle in the world today reflects the contributions of Studebaker's unceasing pioneering.

This month, as Studebaker celebrates its ninetieth birthday, a new challenge must be met—and all that we have and are is thrown into the common effort.

Together we Americans will write new history on the world's roadways.

Studebaker's 90th Anniversary

"DOWN BY THE 0-0-LD MILL--"

BILL: Ow! Take it out and bury it! HANK: Bury Joe. He's the sour one.

JOE: Listen, this shirt's so shrunk it would choke a canary off-key. Give me another chance-

"Down by the old-"

BILL: Awfull What you need is shirts with a "Sanforized" label. They never shrink out of size.

HANK: You know what the tags say-the fabric won't shrink more than 1% by standard tests. And that's so little, it's practically perfect,

JOE: I want to get this perfect first-

"Down by the-ee-"

BILL: Stop! You're going down to the shop in the hotel and get a shirt marked "Sanforized." They have 'em in all makes and styles.

HANK: And for no more than you usually pay.

John Just a minute-"Down by-" Hey! I'm down-to a whisper! I'd better ask for that "Sanforized" label while I can still talk.



1 "HOW DID JOE SURVIVE?"



MARY: Fine. He came home looking fit as a fiddle in a shirt marked "Sanforized." Said it wouldn't shrink out of fit!

JANE: Darling, you look as though you could do with a little "Sanforized" protection, yourself!



MARY: These don't say "Sanforized"-but the clerk says they won't shrink much. JANE: Don't buy 'em! We'll keep looking until we do find the "Sanforized" label ... and then we know they won't shrink out of fit!



JOE: "My village que-een..." You do look awful cute in that number, honey, MARY: And it's going to stay cute ... with a "Sanforized" label!

LOOK FOR THE "Sanforized" label on other cotton, linen, and spun rayon washables . . . children's clothes, uniforms, slacks and work clothes, slip cover and curtain materials. Then they won't shrink out of fit!

•SANFORIZED•

Checked standard of the trade-mark owner

The "Sanforized" trade-mark is used by manufacturers on "Compressive Pre-Shrunk" fabrics only when tests for residual shrinkage are regularly checked, through the service of the owners of the trade-mark, to insure maintenance of its established standard by licensed users of the mark,

Cluett, Prabody & Co., Inc.

FOR PERMANENT FIT ... LOOK FOR THE "SANFORIZED" LABEL







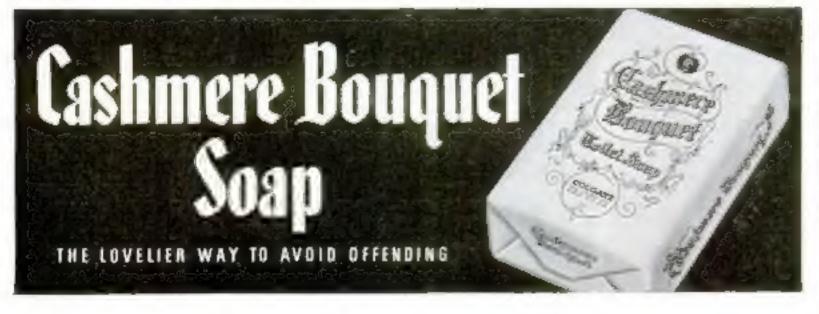
YES, INDEED... the same, pearly white soap your grandmother used... gentle, fragrant Cashmere Bouquet! You'll revel in its rich, lasting suda that leave you exquisitely fresh and sweet... your skin delicately scented with a subtle, protecting fragrance.



DEFINITELY... in fact, you'll find the lingering, alluring scent of Cashmere Bouquet is a big help to romance! What's more, actually thousands of lovely women have proved to themselves that Cashmere Bouquet is one perfumed soap that won't irritate their skin!



THAT'S A SWELL IDEA! It's always a pleasure to give a smart girl like you a glamour hint ... to tell you about the lovelier way to avoid offending with Cashmere Bouquet Soap! Now you know what the costlier perfume of Cashmere Bouquet can mean to you! Remember, there's no finer complexion care than Cashmere Bouquet . . . one perfumed soap that can agree with your skin! Be real smart and get Cashmere Bouquet Soap—today!



LETTERS TO THE EDITORS WAAF

Sirs:

Inspired by your cover picture of the WAAF who starred in This Above All (LIFE, Jan. 26), I am sending you a picture of the real thing. She is Firewoman Frances O'Connor, photographed by the light of a bomb-set fire while on active duty during an air-raid in London.

Pirewoman O Connor, now stationed at Whitgift House, Whitgift Street, Lon-



PIRE-LIGHTED FIREWOMAN

don S.E.11, England, is a Canadian girl who comes from Toronto, Ontario.

SIEGMUND W. SMITH Columbia, S. C.

Casey Jones

Sirs:

As a king-snipe's son who lived 15 years in a section house, I must say that with your story on Casey Jones (LIFE, Jan. 26) you have reopened an old rail-readers' argument without settling it. Exactly how much protection did the freight have from its flagman? Was he to blame, or was Casey? Your diagram would indicate that the freight's rear was inexpertly protected.

I have protected the rear of more than one stalled train, or work train, the first when I was about 13. My dad's instructions were very clear:

Go back at least half a mile (15 telegraph poles), more on curved track, and set out two guns (torpedoes to you) on the right rail, three rail lengths apart, (Only one was set out for Casey.) Then come back toward your obstruction, so you'll be abreast of the engine when it stops after running over your guns. When the engineer hits them, he is supposed to reduce speed, prepare to stop, and acknowledge with his whistle. If he falls to stop, or to acknowledge your guns or flag, you are to run up and lay your flag or lantern across the rail and let him run over it, and then let the remains lay, as evidence of where you gave him the signal. In your Casey Jones diagram, the flagman is up the track from his torpede, was thus by-passed before Casey heard the single torpedo go off. It's no wonder he slammed on into the freight.

JOHN H, REESE Los Angeles, Calif.

• As late as 1895 a single torpedo was a stop signal. Though two torpedoes are required today, one carries the same warning if only one is set. Flagman went up the track in order to take his position where Casey would have 1½ miles of clear visibility for his lantern signal.—ED.

Camouflage

Sim

Of your Jan. 12 cover, showing Pacific Coast soldiers walking under a transparent net, you say this is excellent camouflage.

Almost to the day a year ago, you published an article of mine on modern camouflage technique (LIFE, Jan. 13, 1941), in which was pointed out that empty nets or insufficiently garnished nets, not having any magic properties, are not camouflage, but merely serve as a support for camouflage material to be

(continued on p. 4)

I NEVER GAVE MY EYES A THOUGHT!



I stef to think that once I had properly fitted glasses I could go on wearing those same glasses year after year.



It never accurred to me that eyes change—that one could outgrow lenses—until one day I broke my glasses.



When I had to have my eyes examined, I learned that those old glasses hadn't been adequate for years. My eyes needed the protection against glare which I now get with my new Soft-Lite Lenses. What a difference that makes! Free from glarestrain, my eyes feel rested.

BE SURE ABOUT YOUR EYES!

Even if you wear glasses, have your eyes examined. Be sure your lenses are correct for your eyes today. Examination may show that Soft-Lite Lenses will give you,

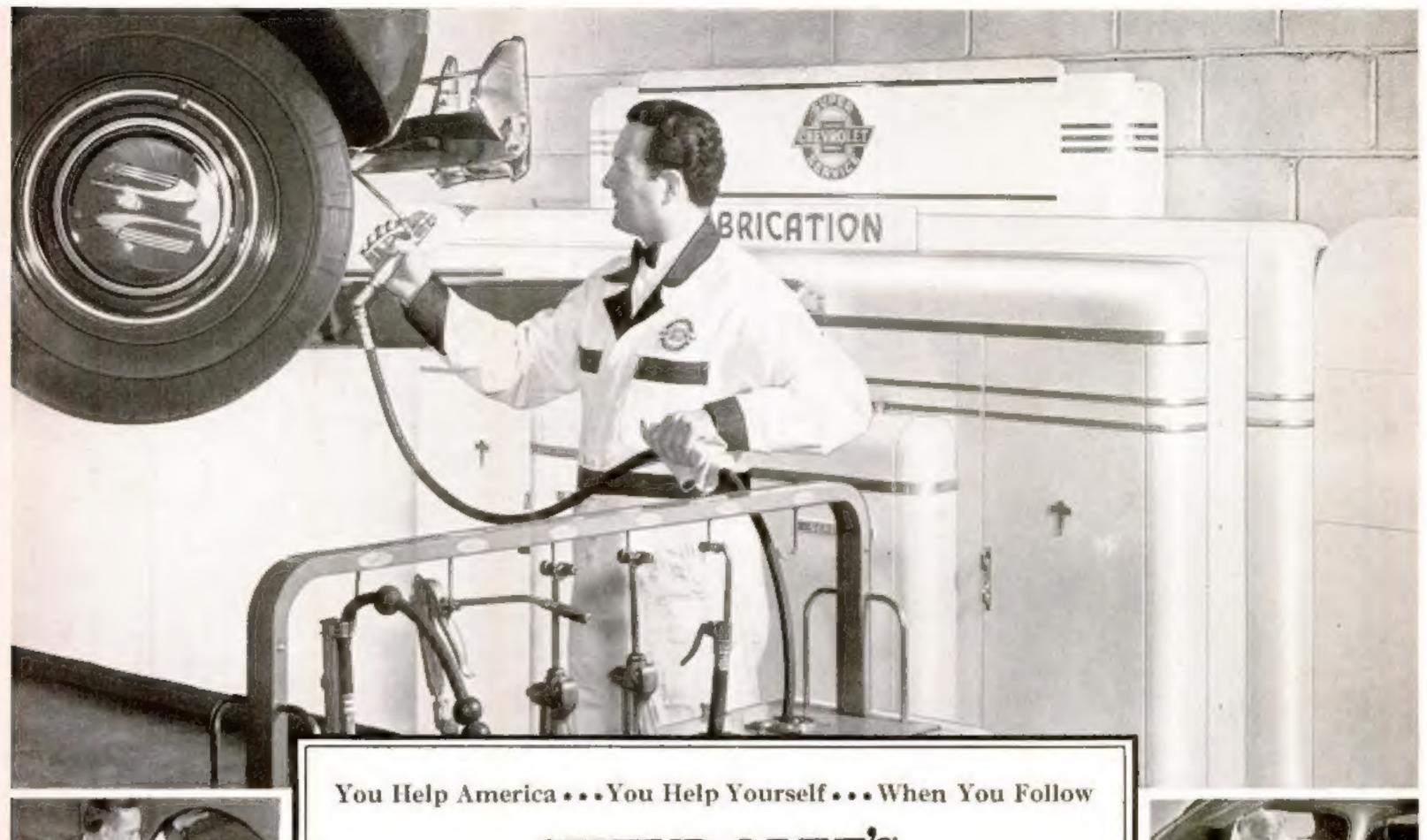
too, new eye-comfort. These scientific lenses filter out glare, are flesh-toned, better-looking. Ask about them when you have your eyes examined,

There is only one Saft-Lite-identified by this certificate.



Soft-Lite Lenses

Soft-Lite Lennes are saide by Sausch & Lomb solely for the Soft-Lite Lenn Company, Equibb Building, New York, N. Y.

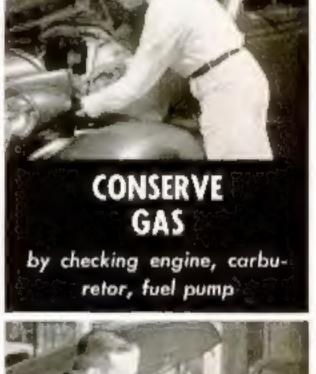


CHEVROLET'S "CAR CONSERVATION PLAN"

You need steady, dependable, economical transportation to and from your work and America's work... And you will protect and preserve that transportation if you observe the following points of Chevrolet's "Car Conservation Plan": (1) Practice the simple, fundamental rules of car care... (2) Get a thrifty service "check-up" at your Chevrolet dealer's now, and avoid major troubles later... (3) See your Chevrolet dealer regularly, and keep your car serving

CHEVROLET MOTOR DIVISION, General Motors Corporation, DETROIT, MICHIGAN

well by keeping it well serviced during the emergency.





CONSERVE

by having a motor tune-up



CONSERVE

OIL

by keeping engine at top

CONSERVE

TIRES

by having your Chevrolet

dealer check wheel alignment

TRANSMISSION
by having it carefully
checked and serviced



CONSERVE BRAKES

by having brakes and linings checked regularly



He specializes in
"Conservation Services"

He services all makes of



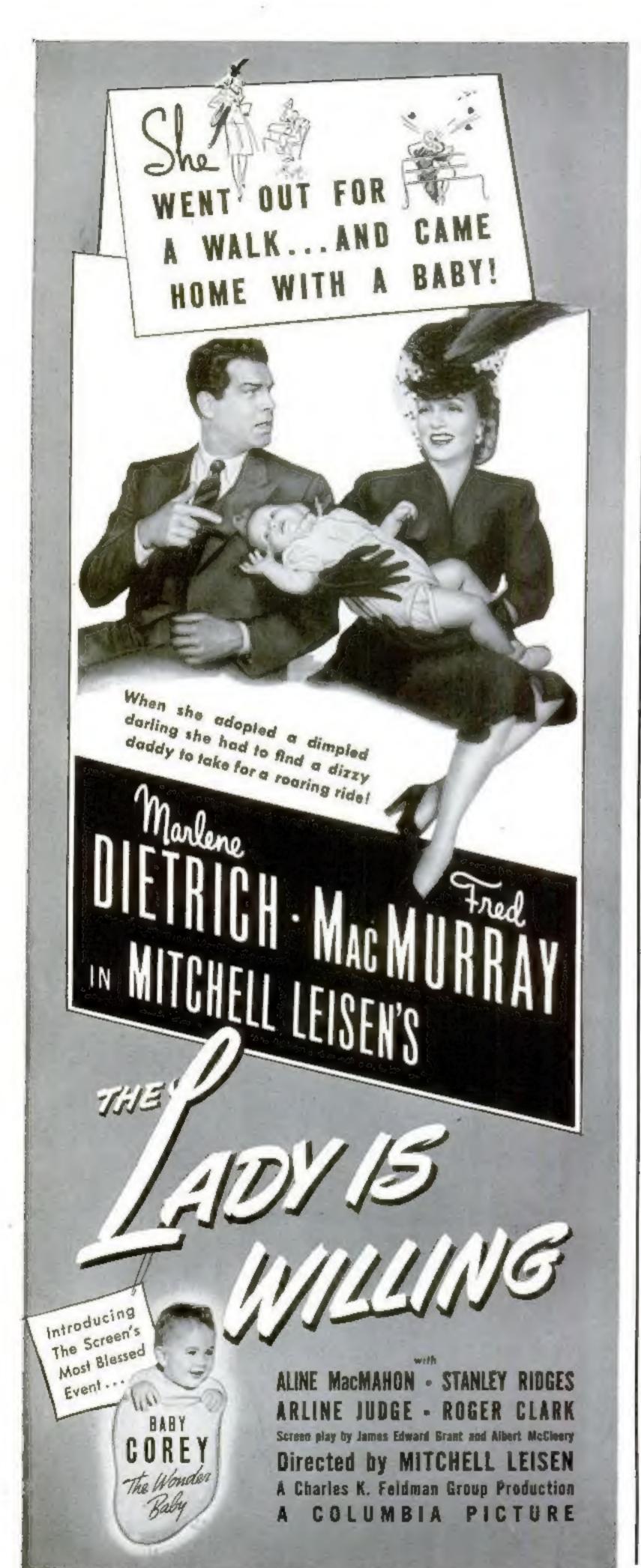
CONSERVE COOLING
SYSTEM

by checking radiator, water pump, thermostat, etc.



CONSERVE EVERY

by getting periodical lubrication—expert service



LETTERS TO THE EDITORS

(continued)

woven into the net or placed on top of it.

As a result of your picture, I have been deluged by representatives of lace-curtain manufacturers who want to sell their products to the Army. Is respective of who set up the contraptions shown on the cover, it's most awful "camouflage." If this goes on, I risk being overrun, not only by lace merchants but perhaps, next time, by makers of girdles, panties and may be brassières.

MAJOR PETER RODYENKO Corps of Engineers, U. S. A. Governors Island, N. Y.

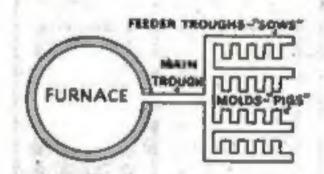
■ Major Rodyenko's dispute is not with LIFE, which made no comment on the "excellence" of Pacific Coast camouflage, but with the Corps of Engineers officers who rigged it up. Let lace-curtain manufacturers note that sturdy fish net is the material used. —ED.

Pig Iron

Sirs:

Noel Busch, in his close-up on Eugene Grace (LIFE, Jan. 26), handles the steel master very nicely but misses some fine points in steel and iron production. A furnace is not charged with a collection of "stone and rubble" but with a measured ration of iron ore, coke, and finally limestone. The iron does not noze out—boy, when the clay plug is driven in, that metal comes a-running.

It is not called plg iron because "It is pig-shaped." Before they had the present casting machines theiron poured out from the furnace to a gutter trough in



the sand of the casting floor. There it went through tributary troughs to the molds. Troughs and molds were arranged as in diagram (see cut).

Troughs were called sows, and you can see why the pigs were called pigs.

Brooklyn, N. Y.

Boar Hunters

Stre:

A tough breed of men indeed must be the boar hunters of Tennessee and North Carolina, running at "full speed up and down hills . . . ten, twenty or thirty miles" before getting a shot at their quarry (LIFE, Jan. 26).

In Georgia and other parts of the Deep South, hunters ride to the hunt on horseback until the boar comes to bay in a "Jungle" of underbrush, vines and brambles. From here on, however, Georgians are tougher. Leaving the horses behind, hunters go after the beast on foot. Georgian technique is not to carry agun, but to wait until the boar charges, then step aside like a toreader and trip him up as he goes by. You then sit on his head and the him up. The procedure is regarded as slightly more sporting than potting pork with a rifle at point-blank range.

WARREN FALES Princeton, N. J.

Sirs:

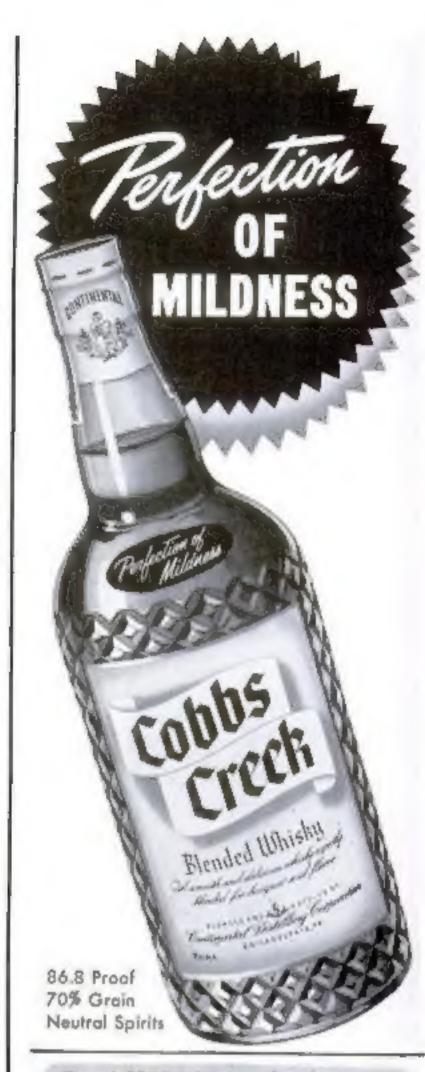
In Hawaii a man and his dog go into the Waianae Range armed with only a sheath knife. When the quarry is brought to bay the dog grabs and holds the boar's ear. The man then closes in for the kill.

You may not believe it, but two 15year-olds, hunting together, bagged a 400-pounder with 8-in, tusks.

GRACE S. NEELY

New York, N. Y.

(continued on p. 6)





LAXATIVE EFFECT-

to sweep away poisons

For that moment when you all feel like singing!



FREE COPY... TO NEW MEMBERS

A TREASURY OF GILBERT & SULLIVAN

Edited by Deems Taylor . Arrangements by Albert Sirmay . Illustrations by Lucille Corcos



THE BOOK-OF-THE-MONTH CLUB INVOLVES:

OVER 500,000 families now belong to the Book-of-the-Month Club. They do so in order to keep themselves from missing the new books they are really interested in.

As a Club member, you receive an advance publication report about the judges' choice—and also reports about all other important coming books. If you decide you want the book-of-the-month, you let it come. If not (on a blank always provided) you can specify some other book you may want, or simply say: "Send me nothing."

More often than not our judges' choices are books you find yourself buying anyway. For every two books-of-the-month you buy you receive, free, one of our book-dividends.

These books can be given because so many subscribers ordinarily want the book-of-themonth that an enormous edition can be printed. The saving on this quantity-production enables the Club to buy the right to print other fine library volumes. These are then manufactured and distributed free among subscribers. During 1941 over \$5,000,000 worth of free books (figured at retail value) were given to the Club's members—given, not sold!

Your obligation as a member is simple. You pay no yearly fee. You merely agree to buy no fewer than four books-of-the-month in any twelve-month period. The subscription period is not for one year, but as long as you decide; you can end it at any time after taking four books-of-the-month. You pay for the books as you receive them—the regular retail price (frequently less) plus 10¢ to cover postage and other mailing charges.

ERE is the current "book-dividend" being distributed free among the Club's members (see below). It will also be given to new members who subscribe at once. In it Deems Taylor tells the story of the beloved operettas in such a way that they become in themselves a biography of Gilbert and Sullivan. The color and vivacity of the theatre is brought to the reader by Lucille Corcos' many full-page illustrations in full color, and more than 100 delightful black-and-white drawings. And finally the music! Dr. Albert Sirmay, musical editor and adviser to almost an entire generation of younger American composers, has arranged the imperishable songs for piano and voice. Here are the songs that have become classics and at the same time eternally popular-the gay songs and the sad songs, the songs "sung to the knell of a churchyard bell," the songs "with a sigh and a tear in the eye"-songs that have made Gilbert and Sullivan as much a part of culture as Alice in Wonderland and Sherlock Holmes.

| A222 |
|---|
| BOOK-OF-THE-MONTH CLUB, 385 Madison Ave., N. Y. |
| Please enroll me as a member. I am to receive a free copy of a TREASURY OF GILBERT at SULLIVAN, and for every two books-of-the-month I purchase from the Club I am to receive, free, the current book-dividend then being distributed. I agree to purchase at least four books-of-the-month from the Club each full year I am a member; and I may cancel my subscription any time after purchasing four such books from the Club. Name |
| Please Print Plainty |
| Address |
| City |
| ☐ IMPORTANT: Please check here if you want us to begin your sub- scription with the current Selection, in order to start the service immediately. |
| Bucks shipped to Canadian members, DUTY PAID, thru flook-of-the-Bosth Club Catada Lid. |
| |

You can't say that about my husband!









-they want real protection against "B. O." and don't you, too?

• The new 1942 Lifebuoy is better than ever, with a new added ingredient, a new Vanishing Scent that leaves your skin naturally fresh, clean and odor-free. Same protective lather as before, same mildness, same germ-removing propertiesand same familiar package. Get new Lifebuoy today-remember, it's the only popular soap especially made to stop "B.O."

MEN DON'T LIKE "SISSY SOAPS"!

CHECK YOUR POPULARITY RATING

Which of these 5 things is making you unhappy?

Can't meet right people Can't get ahead

Can't keep friends

Can't get invited places Can't find romance

Millions have found that one little thing may mean the difference between success and failure



DAILY NEW 1942 LIFEBUOY

FROM HEAD TO TOE __ IT STOPS B.O."

LETTERS TO THE EDITORS

(continued)

Quilled Dachs

Long Beach, Calif.

Appalling were the pictures of the dachshund quilled by a porcupine, in Pictures to the Editors (LIFE, Jan. 28).

If this young lady had fallen to and rubbed into her dog all the grease possible, before she attempted to remove the quills, she would not have had a great deal of trouble.

F. R. LAIRD

If a small piece of absorbent cotton had been saturated with vinegar and held to the flesh where the quills were for a few seconds, the quills could be easily removed and without pain to the

EDITH F. MCARTHUR Littleton, Colo.

Silver Stars

"This gave him [ex-OPM Chief Knudsen] a uniform, three gold stars and . . . rank of lieutenant general in the Army" (LIFE, Jan. 26). The only gold stars I know of are those awarded Gold Star Mothers, There are only two gold rank insignia used in the Army, that of a single gold bar for a second lieutenant and a gold leaf for a major. The insignia of a general officer is silver stars, not

MRS. KIRBY E. JACKSON Columbus, Ga.

 Lieutenant General Knudsen wears silver stars. - ED.

Beacons Out

I noted with interest the pictures of the industrial smokeouts (LIFE, Jan.



REFUSE-FIRE BEACON

12) because of the activity in the West Coast lumber industry in meeting similar problems.

The industry has been perfecting methods of "blacking-out" sawmill refuse fires which light the countryside



BLACKOUT

with never-extinguished beacous. To date, the problem appears to be effectively solved by the application of fine water sprays to the fire which results in volumes of dense smoke to cloak the glare. I am enclosing two photographs, one of them an uninteresting-particularly to Jap aviators blank. These pictures were taken within four minutes of each other at identical exposures in a test made of a sprinkler system installed in this burner.

ROBERT M. EVENDEN Oregon State College Corvallia, Ore,



DAILY 2-WAY USE of Quinsana Powder is producing remarkable results. (1) On feet, helps clear up Athlete's Foot infection. (2) In shoes, helps prevent re-infection.

IN 1270 TEST CASES, using this two-way Quinsana treatment, infection disappeared in all but 6% of cases within only 30 days. Such successes are typical.

USE QUINSANA DAILY for aid in prevention and relief. Easy to use, economical. Excellent for excessive perspiration, foot-odor. 35¢ at druggists, army post exchanges, etc.



"Lady—for the love of Mike!"

Be fastidious-for the love of any good man! Keep your complexion naturally lovely. Give yourself a Pompeian Massage—popular in mother's

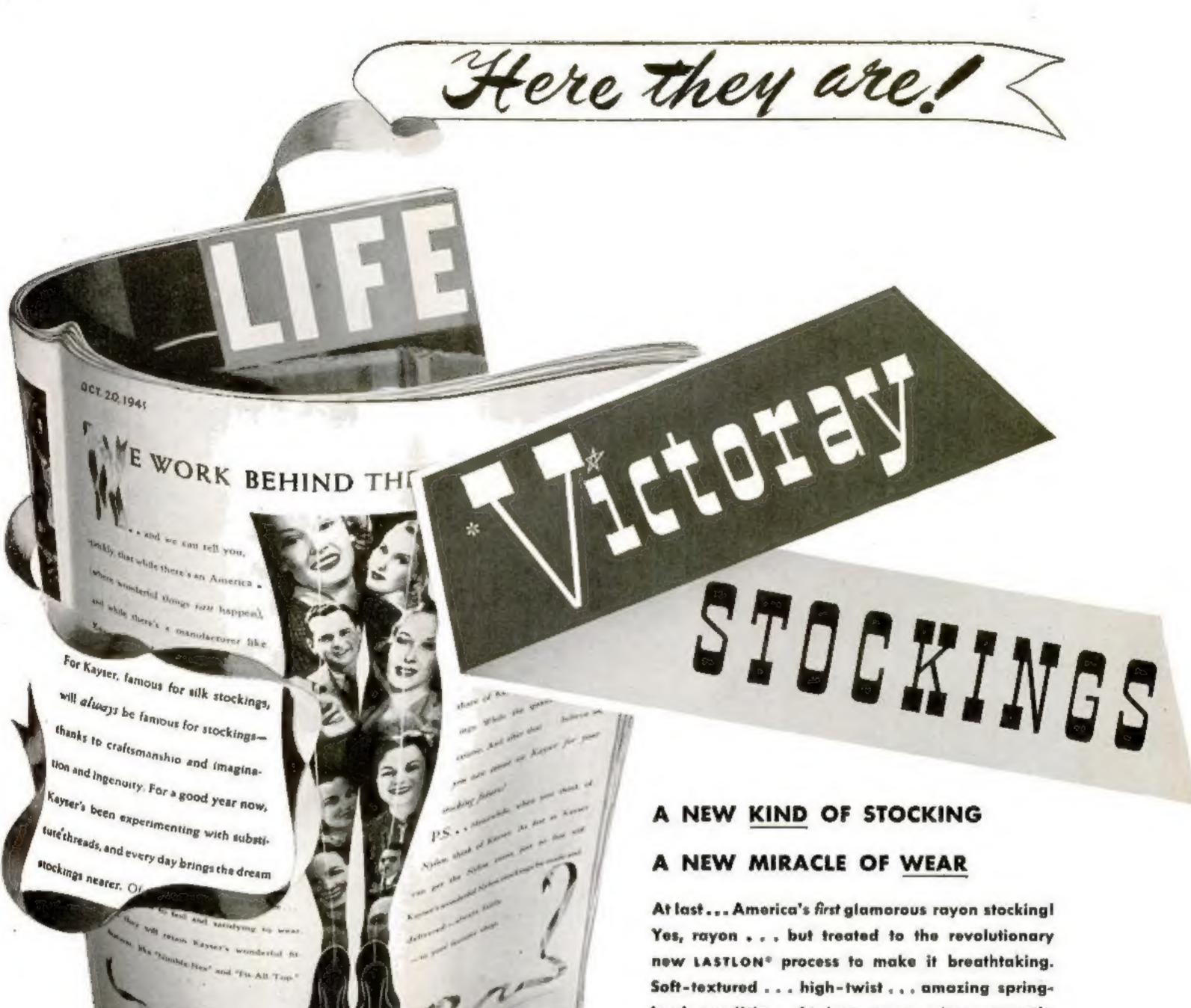
time, when complex-ions had to be naturally lovely-rediscov-ered today by their wise daughters. They've found out that Pompeian Milk Massage Cream is quite different from regular fatty base cos-

metic creams, and works differently. All you do is moisten your face and throat slightly, and smooth on the clean-pink Pompeian Milk Massage Cream. Then, massage gently in cir-cular upward, outward strokes. Watch now! The cream suddenly changes. It's no longer a cream, and it's no longer pink. Off the drab skin, or the oily or roughened akin it rolls—dirt-grey— Your skin looks soft—feels soft! Looks smooth-feels smooth! And SO clean! You feel as if you've just had a professional \$1.50 facial massage! And you look it! Remember, not every pink massage cream is the famous original. Be sure to get only the genuine Pom-peian Milk Massage Cream to get these results. Large jar 65c at your department, drug, or dime store.

SPECIAL 60 OFFER

The Fempeian Co., Baltimore, Md. Send me the four-treatment jar of Pompelan Milk Massage Cream right away! Enclosed 6c to cover handling and mailing.

| п | | | - | - | |
|----|-----|---|---|-------|--|
| | | | | | |
| | | | | | |
| | | | | | |
| ١. | - 7 | _ | | _ | |



At last... America's first glamorous rayon stocking!
Yes, rayon... but treated to the revolutionary
new LASTLON® process to make it breathtaking.
Soft-textured... high-twist... amozing springback qualities. At last rayon gives smooth,
clinging fit. Full-fashioned... fine-seamed...
dull-toned, clear... several weights and colors,
Sensational wear in every pair, proved by long and
arduous tryouts. Truly wonder stockings, made the
Kayser way, including Kayser's Fit-All-Top' feature.
See "VICTORAY" STOCKINGS at once... you'll
love them—and their sweet-and-low prices.
At your favorite shop, topay!

1.00 (all rayon) . . . 1.15 (rayon twisted with slik)



"TRADE MARK REG. U. S. PAT. QFF.

(PAT. NO. 1880299

COPTRICUT SHALLIGLIES BATSER & CO.









SPEAKING OF PICTURES . . .

. MASKED GIRL RUNS EMOTIONAL GAMUT

The strange sacrical per rats of the pages a broad lampoon of the current art of feminace x pression in the U.S., are the insulative Lindove k of Bil Bard. New York artist are puppeteer. The young female face. Bard believes, has acquired a certain to the Semiliprian because sted ats repertory of expression can be reduced to four defect to frozen masks. There upon Bair timel is spared in expression of the reduced to income any extreme in 2 strengt work and glamour the number of the paper. It is not be the charge the four masks or her in the tocreate a Galatea we one he calls. "Mos Frankerstein.

For LIFL Photograp or George Karger Baird last month put Miss Frankerstein through or emetional gamet As 'Miss Viair ca and a sheep sheet or love mass and a roff the oody, collapsing necklaie such of

exploded that be by he her Wormask shi experienced the lathesiness of the hypochondriae a society and the telescent pleasures of excess weight where lake the original Frankenstein is swever this names ake got orter hands ran from one rewin one stocking to four retering religion region for she could be restrained by por topay.

A great sawman ream near field of entertainment. Bill Baurd cans from Mason City, lower structured at the Cheago Academy of Ene Arts where be dropped the second. It of his first rame to save time. New a top creator of marior effections he makes actors and security to miself writes playlets for them with manes like Hall britis. How There exists and a firm that There is a puppers large and small, straight and come have appeared in right who is world a fairs, theaters like Radio City Masse Hall, madvertising road shows. In the past englisher discovers Baird adspution some 25 000 performances.



STIST OIL BAIRD CREATES ALL HIS OWN MARIONETTES







"Sometimes

a wife gets to wondering_"



- me ... at the store

PERCALE SHEETS

have to be rich any more to sleep on percale!

'Cause Cannon is making real percale sheets for

practically what you'd pay for heavy-duty muslin!

house with glamorous, smoothy-soft Cannon

Percale Sheets! And you bet I'm thanking

Cannon-for making me a percale plutocrat,

at such a low-down price!

So you bet I've prettied every bed in my



They cost about the same as heavy-duty muslin! Made by the Makers of Cannon Towels and Hosiery



"What's the difference between muslin and percale?"

Cannon Percale Sheets are woven with 25% more threads to the square meh than the best-grade muslin. A better grade of cotton is used in Cannon Percale. The threads are finer, made of selected long-fiber cotton. The sheets are lighter and have a smoother, more luxurious texture than mushn.

"Hum! How well does percale wear?"

Women who have used Cannon Percale Sheets for years are gratified to find what excellent wear these closely woven sheets give. And here is an amazing fact! In a recent survey, Cannon Percale Sheets which had had a year's actual use were voted softer and finer than brand-new sheets!

"Madam-you can actually save money with percale!"

Yes-if you send your sheets to a laundry-Cannon Percale is so much lighter, that you can actually save about \$3.25 a year for each bed at average pound rates! You can buy several pillowcases—as well as another sheet -with the saving!

Why "Cannon"?

Because you must rely on a manufacturer's name for assurance of quality in all the things you can't see for yourself in a sheet. Because Cannon is a trusted name in millions of American homes. Because you will be as proud to own Cannon Percale Sheets as you have been to own famous Cannon Towels,

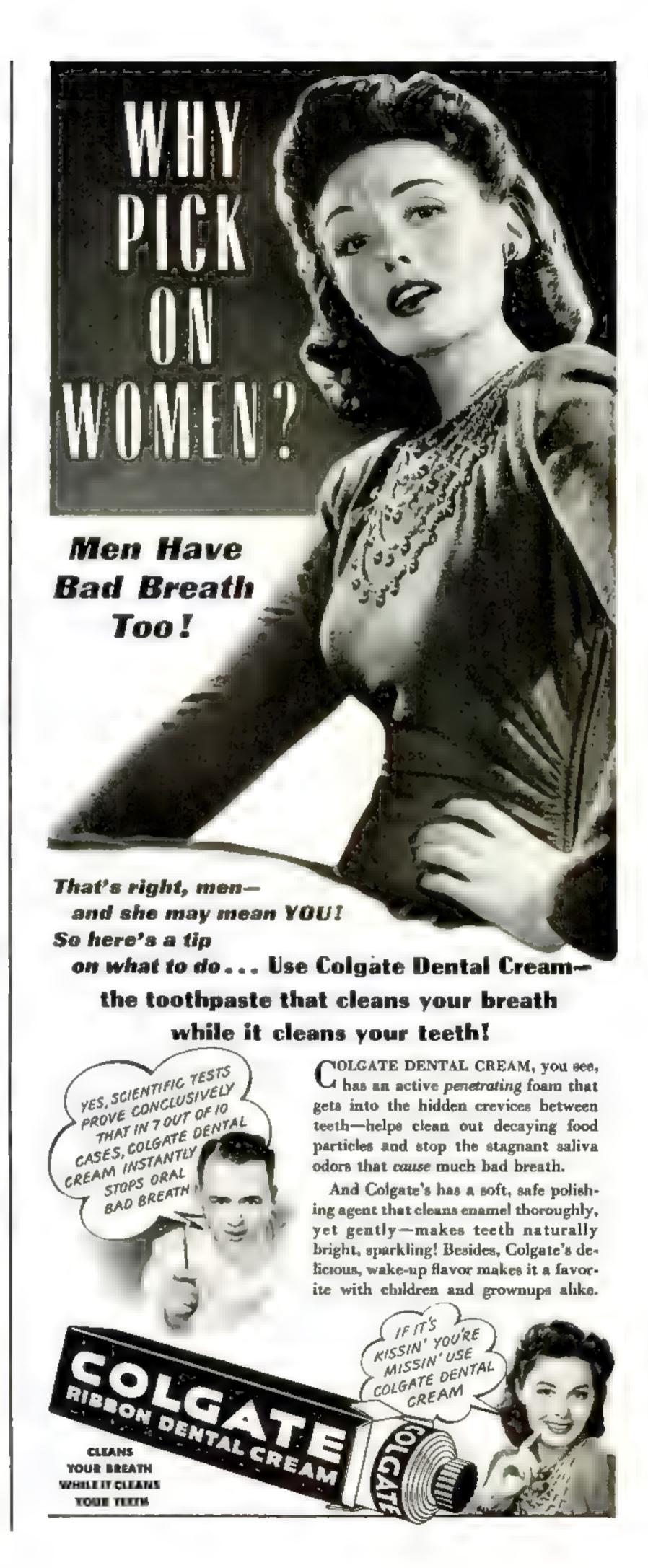
Your store also has a real value in Cannon Muslin Sheets at a popular price.



SPEAKING OF PICTURES





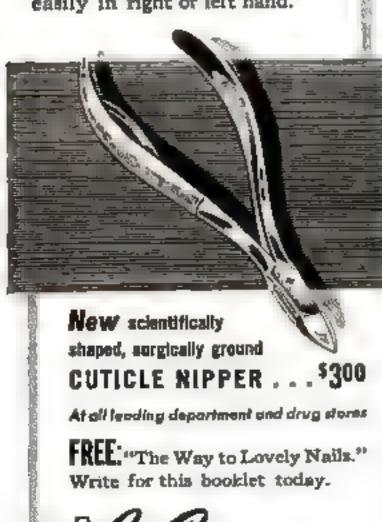






GROOM CUTICLES

· Enjoy beautiful nails, neatly outlined with the help of a La Cross Cuticle Nipper, Sharp surgically ground jaws meet perfectly without gapping. Nip tiniest cuticle edges, frame half moons neatly, keep nail base smooth for even growth. Works easily in right or left hand.



Makers of Fine Surgical Implements

LIFE'S REPORTS

TAKING CARE OF THE WOUNDED ON THE BATAAN FRONT

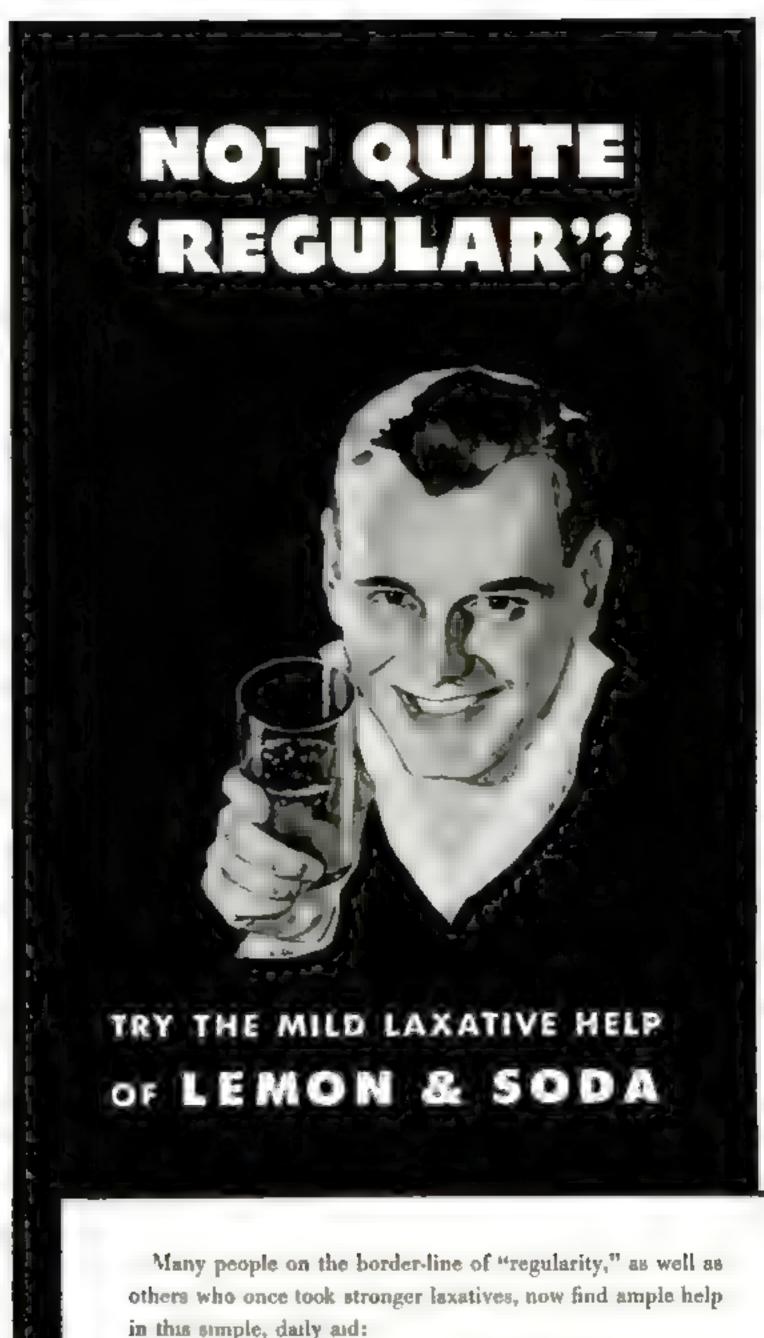
by MELVILLE JACOBY

Corregidor, Feb. 6 (by cable) The Herculean task of moving MacArthur's forces to Bataan is best told in a story of the Medical Corps under Colonel Wibb E. Cooper. Establishing base hospitals in the thick, malaria-infested jungles meant bulldozing through 23/2 miles of tangled brush, blasting trees out of their path, working while dive bombers were operating overhead. It meant havingengineers install light plants and build water chlorinators. It even meant changing the course of the river which runs through one hospital. Besides the construction work for these base hospitals, there is the search for enough tents to cover the patients when the rainy season begins, and the problems of transporting the limited quantities of medical supplies and tinned foods and even of milling rice by hand. I see nurses sleeping, unsheltered except for trees, with foxholes by their beds, washing their own overalls, bathing in streams, yet very cheerful when working among patients.

Old Lucky Strike cartons, a badly battered Packard sedan and a small radio, around the open-air hospital, are remindful of America's gilded luxuries It gives me a strange feeling of unreality seeing wounded Americans who do not have access to our highly developed X-ray machines, serums and vaccines. It is even more unreal to calculate the number of modern stoves in America and then see every two wood stoves in the Bataan jungles feeding more than 1,000 twice daily.

Bataan's open-air base hospital, under the direction of Colonel Carlton L. Vanderboget, is now able to take care of 2,900 patients. The operating unit is under a tent. Everything is sterilized as well as possible

CONTINUED ON PAGE 14



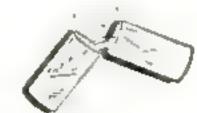
in this simple, daily aid:



When you get up in the morning or before you go to bed at night, equeeze the juice of one Sunkist Lemon into a tall glass half full of water. Into another glass, put 1/4 to

½ teaspoon of baking soda (bicarbonate). Pour back and forth, and drink as the foaming quiets.

Some find it preferable to take just the lemon juice in a full glass of water.



Besides aiding digestion and elimination, lemons are an excellent natural source of vitamin C, the only known source of vitamin P (citrin), and help promote normal alkalinity.

Try this for ten days. See if you don't benefit when you make it your "regular" rule. | cope., 1942, California Prote Geowers Earnings



"Hedda Hopper's Hollywood"- Many CBS Stations- 6:15 p.m., E.S.T.-Mon., Wed., Fri.



MOTHERS DELIGHTED!





RECORDS OF MEDICALLY SUPERVISED **TEST SHOW** THRILLING **RESULTS!**



Think of how happy you would be if your family got through the hazardous winter months with lessmuch less-sickness and misery, worry and expense caused by colds...That's what happened in a great winter test of Vicks ABC Plan lasting 154 days and including 2,650 school-age children ... Reports of Doctors show that followers of this simple homeguide had fewer colds...shorter colds...actually less than half as much sickness from colds! That's a record! . . . Now Vicks ABC Plan may do less for you and yours-or it may do even more . . . IT'S WORTH TRYING ... Here's all you do: (A) Observe a few simple health rules. (B) Use Vicks Va-tro-nol at the right time. (C) Use Vicks VapoRub at the right time.

When to Use These 2 Clinic-Tested Medications



To Help Prevent Many Colds From Developing. At the first sniffle, sneeze or sign of pasal irritation, put a few drops of Va-tro-nol up both nostrils right away. Feel this special medication go to work. Va-tro-nol is so effective because it is designed to aid your natural defenses against colds and help prevent many colds from developing . . . IF YOU SHOULD HAVE A HEAD COLD, Va-tro-pul does three important things to reheve distress. (1) Shrinks swollen membranes. (2) Southes irritation. (3) Helps clear out masal passages. Makes breath-Clinic-Tested

ing easter! Follow directions in folder. VA-TRO-NOL

VICKS



To Relieve Miseries of Developed Colds. Some colds slip by all precautions. When one does-relieve distress the IMPROVED Vicks way. This 3 minute treatment makes reliable Vicks VapoRub give EVEN BETTER RE-SULTS THAN EVER BEFORE! ... PENE-TRATES to upper broachial tubes with soothing medicinal vapors ... STIMU-LATES chest and back surfaces like a warming poultice ... AND WORKS FOR HOURS to ease coughing and congestion in upper breathing passages, relieve muscular soreness or tightness. To get such telief, rob VapoRub for 3 minutes on BACK, throat Clinic-Tested and chest ~ spread a and cover up. Try it! VAPORUM

Complete Details of Vicks ABC Plan in Your Package of Vicks.

LIFE'S REPORTS

(continued)

but Baraan dust is everywhere, and one assistant must stand by with a fly swatter. Gunshot and shrapnel cases often take an hour's time each. Major operations are frequently performed while bombs are falling close enough to jar the operating table, so the surgeon must hesstate an instant until it is quiet again.

Trucks bring the wounded from the front to the first aid stations and keep the tables filled 24 hours a day. The doctors, nurses and attendants all address the Filipinos by the name of "Joe." Even during major operations, performed under local anesthesia, the doctors keep reassuring them, "You're O. K. now, Joe."

Americans and Filipinos, regardless of rank, are given exactly the same treatment and facilities. The morto "first come, first served," regarding the remaining vaccines and serums, is followed.

The doctors have a standing agreement that every time they probe for a bullet or shrapnel fragment and do not find it they must pay the Red Cross \$5. They also bet on the type of shrapnel they will find in wounds. They have already found parts of Fords and various other metal parts, including nuts and bolts. all made in the U.S. They have even extracted a Singer sewingmachine screwdriver from one soldier.

The Medical Corps is helping not only by actual work but by personal sacrifice. One ambulance driver who recently lost his arm was up two days later, insisting upon carrying on. The same is true of doctors and nurses who, during a night when they had amputations on every table, donated their own blood. Two Red Cross workers in the hospital published a bi-weekly Jungle Journal until there was no paper left, also encouraging original skits such as the one entitled Mr. Toto of Tokyo.

A typical ward scene consists of long rows of beds, some covered with mosquito nets, under the trees, with Americans and Filipinos mixed. Occasionally an enemy plane flies over, or a single P-40, which they dub "our air force." In one bed lies Engineer Lester Peterson from





Ever tried it?

There's more body to Guinness Stout —more flavour, and more cheer in it!

Guinness is great if you're underweight. Great before or with meals . . . when you're tired . . . or as a nightcap.

Brewed in Dublin, Ireland, since 1759, of barley, water, hops and special Guinness yeasts—nothing else. Matures over a year in oak vats and in Bottle until consumed.

Why not taste the largest selling brew in the world, today?

FREE: Irlah Rurchit recipe, also Story of Guinness, 44 pictures; write Guinness Dept. X-263, W. A. Taylor & Co., Sule Dist. for U.S.A., 10 Rockefeller Plaza, N. Y. C. GU-263



FORTUNA "FLATUMS" is the ideal garment for today's activities! Enjoy constant comfort plus the special tummy-control feature that flattens and supports the abdomen. Two-waystretchelastic, cotton and rayon; Talon Fastener; Ivory-Washabie. Girdle or Pantie Style; Small, Medlum, Large Sizes. Model illus- 295 trated, a super value, about.

Sizes for larger women from \$2.95 to \$3.50

Other Fortuna models from \$1.25 to \$5.00. At leading stores or write Dept. L2 for name of nearest dealer.

WOLFE & LANG, Inc.
25 WEST 32nd STREET - NEW YORK, N. Y.

LIFE'S REPORTS

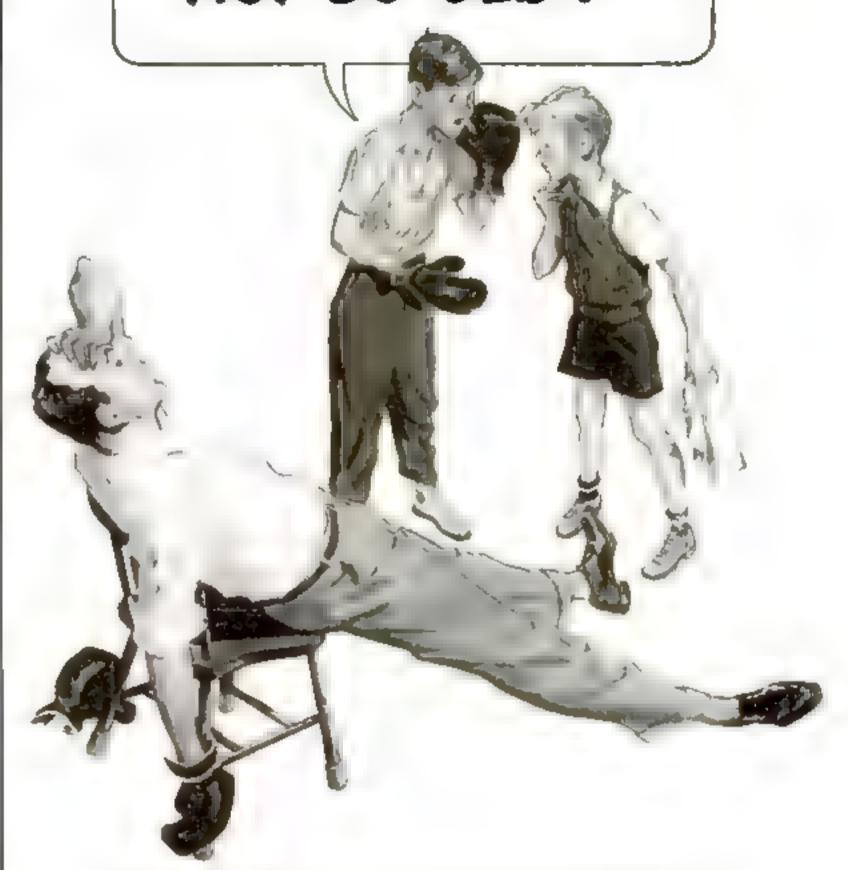
(continued)

Iowa who is smiling but continually complains that the doctor did not let him up on his birthday. The doctor comes to examine Peterson and you see he has lost a leg, and he's sore because he cannot fight any more. Down the row a Filipino woman is sitting in bed with two small children with bandaged faces. She was caught in a bombing raid, losing a legwhen she tried to carry the children to safety instead of lying flat Nearby a Jap prisoner speaks a few English words, asks for water or cigarets. At first he insisted he was getting good treatment because they thought him a Filipino, not an enemy. Beyond the Jap's bed are Filipinos. The scouts all nod and tell you how they got the enemy. They ask when American planes will come Everyone is cheered by the news of the Makassar naval battle.

The open-air treatment of anacrobic bacillus infection which causes gas gangrene is new and extremely successful in Bataan. This treatment consists of cleansing the infected wound with a hydrogen-peroxide wash which liberates free oxygen, aiding the destruction of the bacillus. The wound is then left open with the muscles slit longitudinally by extensive incisions, exposing the deepest infected tissues. The theory of combating gas gangrene by this "conservative surgery" is based on the principle that anaerobic bacilli cannot live when exposed to air.

The use of the conservative surgery method in the Bataan jungles came by accident when the doctors ran out of serum. After the medicos used up the serum supply the only recourse was amputation, which was carried on for several days among the wounded. One day a patient came in with a gasgangrene infection which had spread above his hips, making amputation impossible. Slight, greyish, calm Lieutenant Colonel Frank Adamo took over the case, inaugurated what he now terms conservative surgery. After its successful outcome Adamo used the method on other patients, with continued success and the saving of many limbs.

WHY DOES DAD ACT SO OLD?



Dod acts old, kids, because he doesn't take as good care of himself as he does of you children. You know how mother and dad make sure that you eat properly, insist that you keep regular. That's why you get those swell California Prunes for breakfast. And that's one reason why you always feel so good.

It's a shame more grown-ups don't take their own advice and keep regular by eating six delicious California Prunes every day.

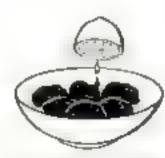
A 30-SECOND HEALTH QUIZ

- Q. What is a practical health program that is easy to follow?
- A. (1) Eat well-balanced meals. (2) Get plenty of sleep. (3) Exercise moderately but regularly. (4) Avoid sluggishness by eating six delicious California prunes for breakfast every morning.
- Q. Do California primes really correct sluggishness?
- A. Yes, they have a natural regulative effect. That is why doctors generally recommend them for children. California prunes also contain the important vitamins A, B, G (B2), and are a good source of calcium, phosphorus and area.
- Q. But don't prunes get tiresome when you eat them every morning?
- A. No. They can be served in many different ways. For example . . .

TRY CALIFORNIA PRUNES THESE 3 DELICIOUS WAYS







1 Serve six California processith author cream.

2 Put six tasty proces on your favorate cerea. 3 Squeeze leman juice on the Cale ornin proper.

Write for free file of 32 new prune recipes



MacDuff takes a puff by D. Soglow



Jenkins, don't annoy the brute, Be glad you have a parachute.

For though he's tough and pienty wild Kentucky Club is always mild.

And that's the reason there's no-bite Because it's made from burley white.

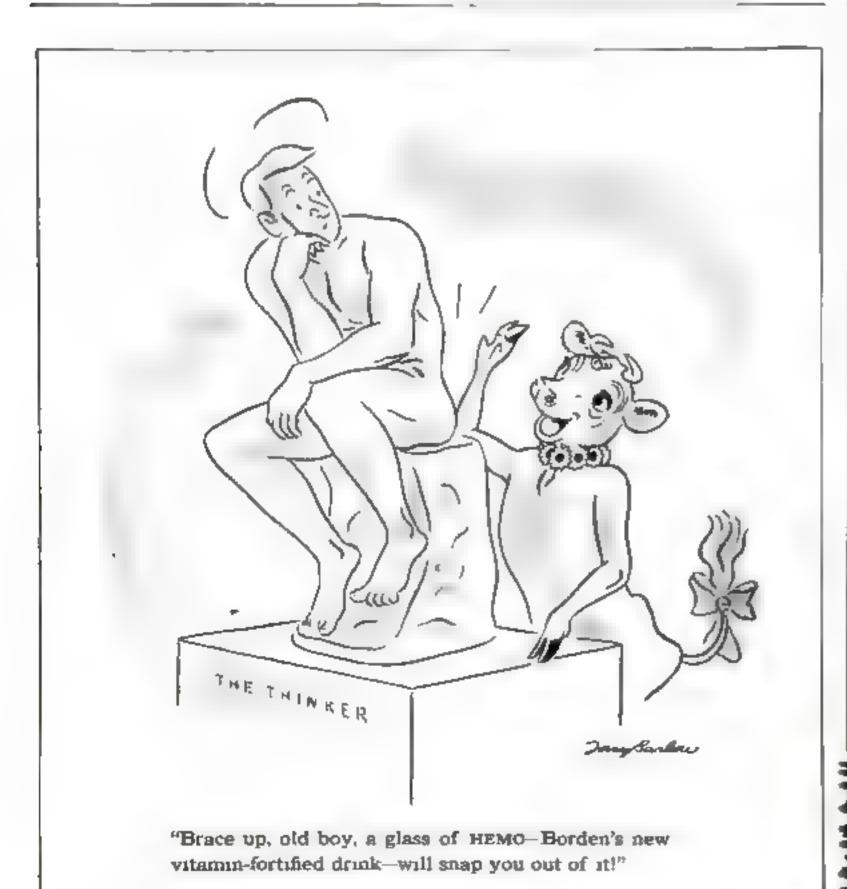
The smoothest smoke I've ever found. I'll show you when we hit the ground.

The burtey's "white"



(No better is known for rollin'-your-own)

PENN TOBACCO CO., WILKES-BARRE, PA



Copyright 1042—The Borden Company

LIFE'S COVER



The young singer on this week's cover is Shirley Lloyd, who tours the Army camps with a USO show. In this picture, taken at the Second Armored Division Post Exchange at Fort Benning, Ga., she drinks coffee with Private First Class David S. Ingail of Plymouth, Mich. For more about Shirley and another Army Sweetheart, Denver's "Beverly at Reveille," see pages 38-44.

EDITOR.
Henry R. Luce
MANAGING EDITOR.
John Shaw Billings
EXECUTIVE EDITORS:
Daniel Longwell, Wilson Hicks
ASSOCIATE EDITORS;
David Cort, Joseph J. Thorndike Jr.,
Joseph Kastner, Noel F. Busch, Maria
Sermolino, Rachel Albertson, Edward
K Thompson, Lincoln Barnett, Dorothy
Hoover, Walter Graebner
ART FDITOR;
Worthen Paxton

Julian Bach Jr., Roger Butterfield, Alfred Eisenstaedt, John Field, Bernard Hoffman, Oliver Jensen, Bob Landry, Ray Mackland, Thomas D. McAvoy, Hansel Mieth, Lisbeth de Morinni, Carl Mydans, John Phillips, Gerard Piel, Hart Presson, Tom Prideaux, David Scherman, William C. Shrout Jr., Peter Stackpole, George Strock, William Vandivert, Margit Varga

EDITORIAL ASSISTANTS:
Margaret Bassett, Bernard Clayton Jr.,
M. E. Crockett, Miresile Gaulin, Sidney James, Elizabeth Kelly, Will Lang,
Dorothy Jane Larson, John Manthorp,
John Morris, Joan Pifer, Richard Pollard, John Purcell, Lifian Rixey, Helen
Robinson, Bart Sheridan, Bernice
Shrifte, Shelley Smith, Jean Speiser,
Marion Stevens, Lura Street, John
Thorne, Eleanor Welch, Mary Welsh,
Richard Wilcox

PUBLISHER, Roy E. Larsen
GENERAL MANAGER: C. D. Jackson
ADVG DIRECTOR, Howard Black

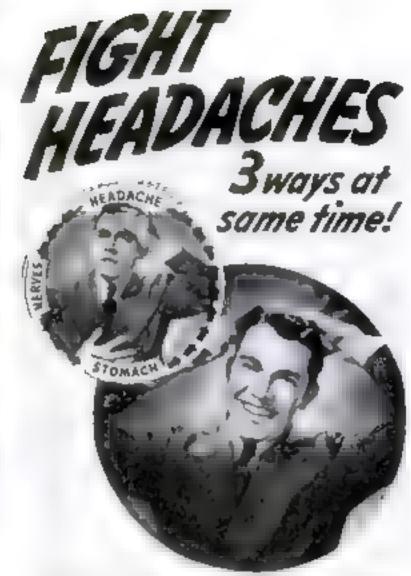
Substraptions and all correspondence regarding them should be addressed to enecu-LATION OFFICE: 330 East 22nd Street, Chicago, BOREST.

LIFE is published weekly by Time Inc.—Editorial and Advertising offices TIME & LIFE Bidg., Rockeletter Centur, New York City—Henry R. Luce, Chairman, Roy E. Lucea, President, Charles L. Sulfman, Treasurer, David W Brumbaugh Secretary

SUBSCRIPTION EATER: One year \$4.50 on the U.S. A. \$5 50 Canadran dollars, in Canadran cluding duty, \$6 on in Pan American Union, elsewhere, \$10. Single copies to the U.S. A. 10¢, Canada, 11¢; U.S. Terrisories & Postessons, 15¢, elsewhere, 25¢.

CHANGE OF ADDRESS. Three weeks' notice required for change of address. When ordering a change please give both the new and the old address.





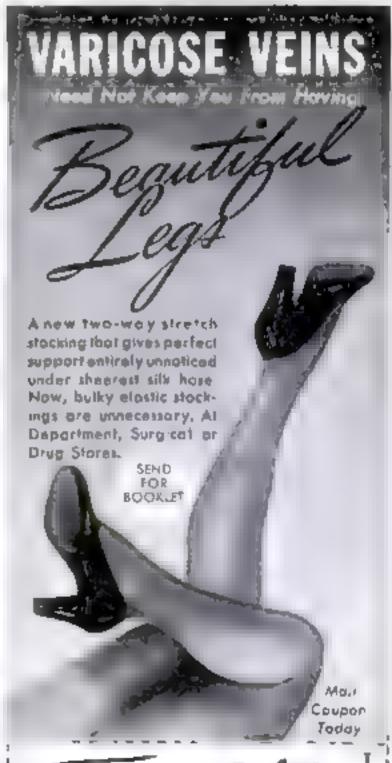
Get after Headache's Vicious Circle this proved, sensible way

• A headache disturbs your nervous system; with jumpy nerves often goes an upies stomach, in turn affecting the pain in your head—thus making a "vicious circle". Mere single-acting pain relievers may still leave you feeling dull, sickish.

Bromo-Selezer is so effective because it acts 3 ways at the same time; not only helps stop pain, but also helps calm nerves, sattle stomach. Next time, try Bromo-Selezer.*

*Use only as directed on the label. For persistent or recurring beadaches, see your doctor.

BROMO: SELTZER



Propical Stight

BELL-HORN, 451 North 3rd 51., Philodelphia, Pa. Send me helpful free booklet. New Parls about Varicose Veim and Beautiful Legs.

NAME.

ADDRESS

MENCA'S LEADING MAKERS OF SUBSICAL HESIERY FOR OVER 100 YEARS

Vol. 12, No. 7

MOVIES

February 16, 1942

COPPENGNT UNDER INTERNATIONAL COPPENGNT CONTENTION ALL USCHTE BESERVED UNDER PAR AMERICAN COPTINENT CONTENTION. EXPENSEST 1942 OF TIME INC.

CONTENTS

| HE WEEK'S EVENTS | |
|---|----|
| U. S. Auto Pients Are Cleared for War | 19 |
| Life on the Newsfronts of the World | |
| Pearl Herber Widows Report for Work at Aircraft Factory | |
| Atlanta Stages Bicycle Parade to Boost Rubber Conservation | |
| Movie Stars Offer Blood as Red Cross Starts Drive | |
| Pictures of Pearl Harbor Disaster Show its Helt | |
| Army Sweethearts Sing and Breadcast for Treeps, | |
| The Homestead Entertains Jap Diplomats As Patriotic Duty | |
| RTICLES America's War and America's Peace, by Henry R. Luce | |
| HOTOGRAPHIC ESSAY | |
| U. S. Corps of Engineers | 75 |
| OLL OF HONOR | |
| War Breeds Herees in U. S. Forces | 50 |
| America's Medals of Honor and Battle Flags | |

"Weman of the Year"..... ART Sheerix is 25. MEDICINE

Sutures Shaw Fine Art of Knots and Stitches. OTHER DEPARTMENTS

| Letters to the Editors | , 2 |
|--|---------|
| Speaking of Pictures: Masked Girl Runs Emotional Gemut | |
| LIFE's Report: Care of the Wounded on the Batsan Front | |
| LIFE Goes on a Skiling Weekend at Timberline Ledge | |
| Pictures to the Editors | . , 142 |

The cover and entire contents of LIFE are fully protected by copyrights in the United States and in foreign countries and must n it be reproduced in any manner without written permission



Gordon Coster, who photographed the auto industry at war for this week's LIFE (pp. 19-25), was born in Baltimore 35 years ago, started out to be a marine artist, worked in a drafting room and wound up as a top-notch industrial and fashion photographer in Chicago. He still likes to use flash powder on his longest shots. Other subjects he has taken for LIFE: parachute jumpers, furniture shows, New Year's Eve church watch (LIFE, Jan. 12)

The following list, page by page, shows the source from which each picture in this issue was gathered. Where a single page is indebted to several sources credit is recorded picture by picture i.left to right, top to bottom), and line by hose (hose toparated by darker) unless otherwise specified

| COVER-WILLIAM C. BIROUT | H. DAVIS; Sprice by permitteen |
|-------------------------------------|--------------------------------------|
| 2-LONDON DAILY MIRRUR PHOTO | OHORGE F. BREBGEL, INC. |
| 8, 9, 11 - KARGER-PIX | 76, 77—JOHN PHILLIPS EXC 1 /1 |
| 17-BAVID CUNNINGRAM | 78-JOHN PRICLIPS-THOS D MCAVOY- |
| 19 through 25—GORDON COSTER | BOB LANDRY, THOS D. MCAVOY exc |
| 26-INT MARGARET BOURKE WHITE- | r Ir. |
| PART - RELEAT HE CREEKIN - INT. | 79-BALPH MORSE, THOS. D. MCAVOT- |
| 27—RUIOZ KUBOFOM | RALPH MORSE—WILLIAM C ENROUT, |
| 28-MARTOR BARRON | RALPH MORES |
| 29 ← PETER STACKPOLE | 80, St - JOHN PHILLIPS PAC 1 II |
| 30, 31 - MOVIETONE NEWS-BGD LANDRY | RI-THOS. D. MCAVOY, W. W., THOS. D. |
| 32-U. K. MANY PROTOS | MCAVOY-BALPH AMDURSKY, H & |
| 35 DOB LANDRY | 6 , tighatores it 6. B |
| 38-WILLIAM C. SHROUT-RALPH MORSE | 83-RALPH AMBURERY, THOS. D. MC- |
| 4. — WILLIAM C. SHRUUT | AVGT, BALPH AMDURSKY, THUS D |
| 42, 44—RALPH MORSE | MCAVOY-ROWELL CONANT, MALPR |
| 47, 48, 50, 55-м-с-м | AMDURSKY, TROS. D. MCAVOY, |
| 57 - Drawing by BORIS ARTZYBASHEEV- | H. B. E., signatures B. & H. |
| U. S. ARMY ATE CHEPE PHOTO, ACME | 84-THOS. D. MEAVOY (2), M. & B., |
| -A. P., U. S. ARMY AIR CORPS | BALPH AMDUREKT-THOS. D. MC- |
| PHOTO-CARL MYDANS, ACME- | AVOY, RALPH AMBURSKY (3); 11g- |
| D. B. ARMY ALE CORPS PHOTO, ACME. | Barrens B & E |
| 58-L. S. ARMY AIR CORPS PROTOS- | 85-RALPH AMDURSKY - MYRON B |
| A P., U. S. NAVY PROTO-U. E. | DAVIS, RALPH AMDURSKY, JIERA- |
| NAVY PROTOE-U & NAVY PROTO, | SHYES IN the Re. |
| ACME-U. S. NAVY PHOTO, BOB | 90, 91—EARL MYDANS |
| LANDRY | 92 through 97—RALPR MORSE |
| 61-OBN SCHNALL | # 98, 99 - REARREST GENT BUIL SCHAAL |
| 67-Drawings G CHICAGO TRIBUNE | " LOO, 101-BRIC BOBAAL |
| PAC # # AL BURGERY | 102-AL HUMPHREYS-LOS ANGELES TIMES |
| 64, 67- Drawings @ CHICAGO TRIBUNE | PHOTOS |
| 68 through 73—JOHN PHILLIPS | 103-DAILY OKLAHOMAN |
| 75— I. EBRNARD HUPPMAN—Bot. MYRON | 104-Bet PACEFIC PRESS |

ABBREVIATIONS BOT, BOTTOM, C. COPTRIGHT; EXC., EXCEPT, LT., LEFT, RT., RIGHT, T., TOP, A. P., ASSOCIATED PRESS, H. & B., HARRIS & EWING, INT., INTERNATIONAL: M.G.M. METRO-GOLDWYN-MAYER, W. W. WIDE WORLD



How we retired on an income that will last as long as we live!

To Men and Women Who Want **Lifelong Security**

T AST MONTH Ted, the postman, gave me an important-looking letter, "Looks like a check." he said.

And a check it was-for \$150. When I got another check the next month, he was obviously curious.

"This check," I explained, "is my retirement income—mine and Kny's These checks will keep coming every month as long as we live. And all because Kay is a far-sighted woman."

"Far-mghted?"

"Yes, Ted. When I was in my thirties, Kay began thinking about the time when we'd be older, when maybe I'd be tired of working so hard. She came to me and said, 'Harry, I'm worried about our future. We haven't saved much. We haven't got security. You're a wonderful provider, but we're spending money as fast as it comes in. Let's do something about it!"

"Well, sir, I opened a savings account and for a while it looked as if we were getting somewhere. But things came up and the savings account didn't grow very fast.

I was about to buy more, when the market nose-dived. So I gave that up.

"Kay and I became discouraged. And then one day



PHOENIX MUTUAL

Retirement Income Plan SUABANTEES YOUR FUTURE

"The minute we saw this Plan, we knew it was just what we needed. It

we heard about the Phoenix Mutual

Retirement Income Plan.

showed how we could get a retirement income, beginning when I reached 55. And it wasn't just an income for me alone. The Plan actually guaranteed an income for both Kay and me as long as either of us lived!

"I began using that Plan. I invested a portion of my earnings in it each year. And now, Kay and I are getting a retirement income—not only as long as I live. but as long as she lives, too!

"We have the things we want-security for both of us, the opportunity to travel, to live fully and well. We can laugh at wormes. We can be sure of comfort and happiness in the years ahead with an income guaranteed for life,"

Send for Free Booklet

This story is typical. Wouldn't you like to make sure of your own future? Send the coupon below and you will receive, by mail and without charge, a copy of the new 32-page booklet which tells about the Phoenix Mutual Plan. The booklet shows how to get a life income of \$100, \$150, \$200 a month or more "Then I thought about stocks and at 55, 60, 65, or 70. It tells why you bought a few shares that looked good. don't have to be rich to retire. Your

copy will be mailed without cost or obligation. But don't delay. Don't put it off. Tear out the coupon and mail it today!

PHOENTE MUTUAL LIFE INSURANCE COMPANY 519 Elm St., Hartford, Conn. Please mail me, without cost or obligation, your 32-page illustrated book showing how to get a guaranteed income for life, beginning at 55, 60, 65, or 70.

Date of Burth

Business Address.

Home Address_

Copr., 1942, by Phoenic Mutual Life Insurance Company

HOW TO GET A

GUARANTEED

INCOME FOR LIFE



Only Life Insurance

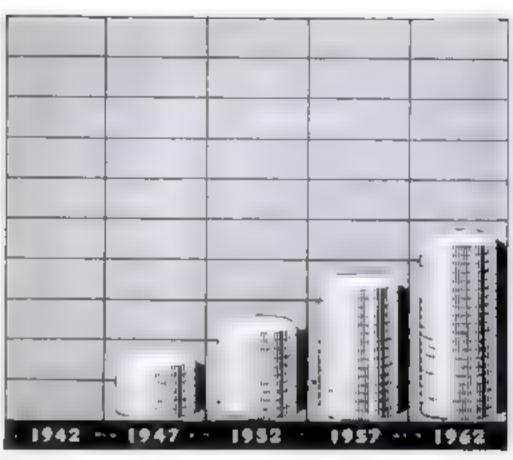
OFFERS YOU ALL THESE 5 UNUSUAL ADVANTAGES



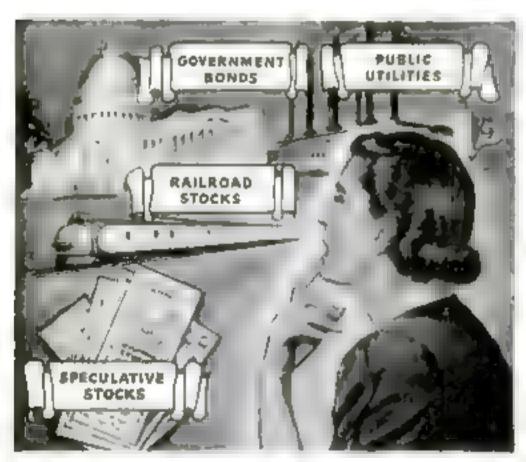
WHEN A MAN TAKES OUT LIFE INSURANCE. he usually is thinking of the protection it gives his family, or the future funds it can provide for himself. But few men realize that only life insurance gives them all 5 of the unusual advantages described here . . . 5 important advantages that have given life insurance its widespread popularity.



I. YOU CREATE AN ESTATE IMMEDIATELY. Through savings you can accumulate an estate for the future support of your family-slowly, year by year. Life insurance makes it possible to create an estate the moment you pay your first premium -and continue that estate in full by paying a relatively small amount of money each year.



2. A DUAL INCENTIVE FOR PUTTING ABIDE money regularly. You know that only through systematic payments can you maintain the protection you want for your family. And, after the first few years, most policies provide an increasing fund which you can draw upon in an emergency, or in old age if need for protection has ceased.



3. YOU LEAVE THEM NO INVESTMENT problems. Through the various "settlement options," written in all larger life insurance policies, you can have your insurance money held by the company at interest or paid to your beneficiary as income. Your beneficiary need never face the risks and difficulties of handling a large sum of money.



4. TAX EXEMPTIONS FOR YOUR BENEFICIARY. Your life insurance dollars up to a certain specified amount are exempt from the present Federal Estate tax-if left to a named beneficiary. In addition, you'll find there are certain exemptions from State Inheritance taxes-the exact amount depending upon the state in which you live.



5. YOU DON'T NEED A WILL to leave your life insurance money exactly as you desire. The proceeds of your policies will be paid quickly, and without legal fuse or bother. And if you have directed your insurance company to pay your beneficiary in a definite way, you can be sure that your wishes will be carried out right to the letter.

The PRUDENTIAL



Tune ini Hear the FAMILY HOUR Sunday Afternoon, CBS Network

The world's greatest music-old and new-brought to you in a glorious, all-request radio program starring lovely Gladys Swarthout, Deems Taylor, Al Goodman's famous orchestra and chorus, and others,

LOCAL PAPER FOR TIME AND STATION



LAST CIVILIAN AUTO UNTIL AFTER THE WAR WAS A GRAY PONTIAC WITH "BLACKOUT" TRIM. ITS "BRIGHT WORK" WAS A LACQUERED IMITATION AND IT HAD NO SPARE TIRI

U.S. AUTO PLANTS ARE CLEARED FOR WAR

ast week an era in U.S. history came to an end in a factory in Pontiac, Mich., 25 miles north of Detroit. At exactly 1:31 p. m. on Feb. 2, the last pleasure car that will be made until the war is won rolled off the assembly line in Pontiac's Plant A. Other famous makers—Ford, Plymouth, Studebaker and the rest—had already ended production. Now the \$4,000,-000,000-a-year auto industry had only one customer and only one boss—the U.S. Government-at-war

In Detroit and its 100-mile belt of auto-making cities, men no longer talked of what the auto industry could do. They went ahead and did it. The hush that fell on the assembly lines was soon shattered. Crews of workmen ripped down mile after mile of overhead conveyers. Huge machines were torn loose from their concrete moorings and rushed out into storage yards (see p. 21). Workmen with drills cut gaping holes in the

floors to set foundations for even heavier machinery, needed in tank and plane production. Some plants were closed up just as they stood, because new ones could be built more cheaply and more quickly than the machinery could be dismantied. But every automobile company could show two, three, four, sometimes a dozen big factories humming with war work.

Word came from Washington that all existing war plants were to be enlarged, even the newest and biggest. All auto factories that could be converted were to be converted. Many new factories were to be built. War contracts awarded to the auto industry topped ten billions (compared with four billions before Pearl Harbor), but this was just a beginning. By the time the auto plants finish that much stuff they will be tooled up to produce several times ten billions more.

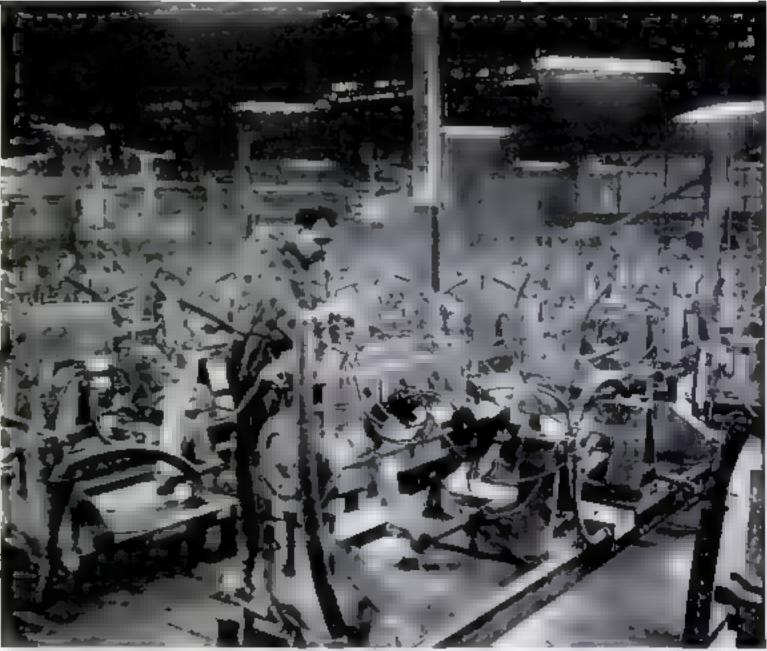
Up to last week 250,000 men lost their jobs as the

autolines halted. That was serious for them (Michigan law allows \$16-a-week compensation for 18 weeks), but it was temporary. Ernest Kanzler, the auto "czar" appointed by Donald Nelson, estimated the autoplants will need at least 700,000 men and women for their war work, which is 275,000 more than they ever employed before.

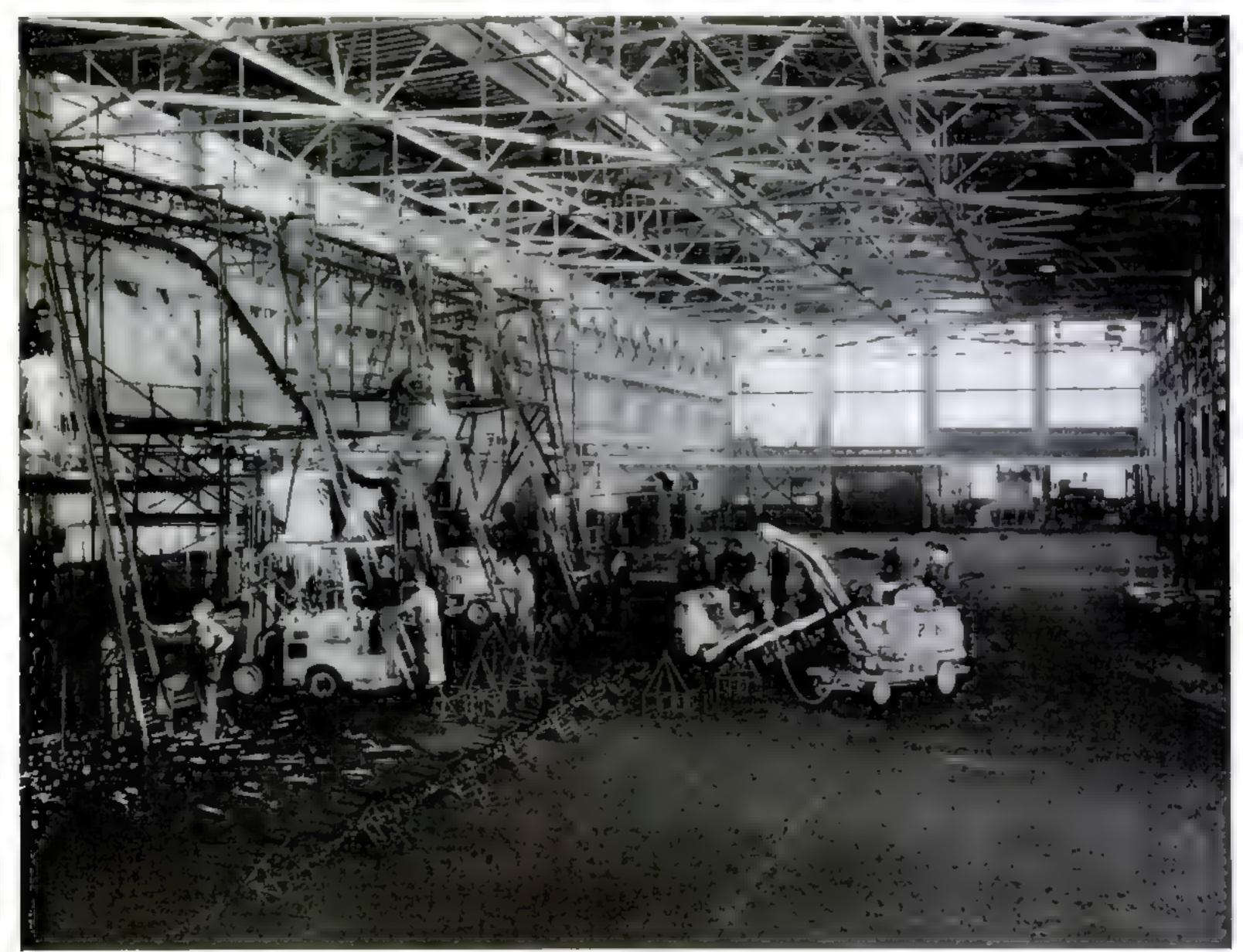
These figures were a revolution in themselves. Last week another revolution, which Americans will not feel for a long time, was taking shape in and around Detroit. The auto industry's genus for mass production was being merged—forcibly, some said—with the advanced engineering and design ideas of the younger aviation industry. This meant that when peace comes 130,000,000 Americans and their neighbors around the world will be able to enjoy speed, convenience and luxuries in transportation that are now undreamed of.



Last tar takes lonely half-mile test run around Pontiac's concrete track, hours after it left asnembly line. Then it went through final refinishing and into warehouse storage. Soon it will be shipped to a dealer, who probably will not sell it until 1943, at the present rate of rationing.

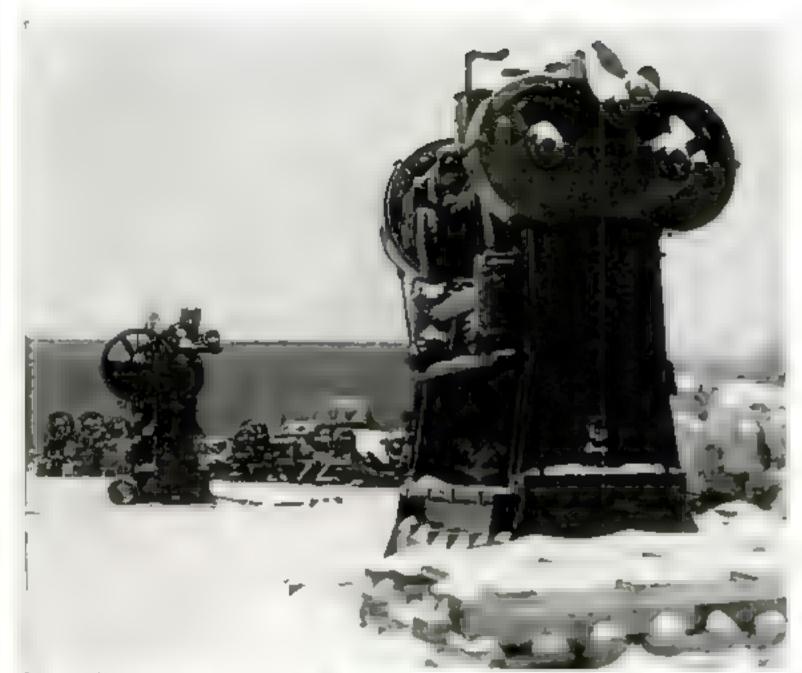


A last engine has a last-day workout on a Pontiac testing block. The other 119 blocks stand silent and empty, with dangling connections for water, fuel and exhaust. These blocks are designed for straight-line automobile and truck engines and are useless for tank or plane engines.



An overhead conveyor track, arch symbol of Detroit's mass-production methods, is being torn down by a crew of workmen with torches and crowbars. This is the plant which was, until last month, the largest automobile body manufactory in the world. Here workmen are already in-

stalling new machines to build medium and heavy tanks that will be better than any yet built anywhere in the world. Soon the floor will be teeming with tanks in all stages of production. The auto conveyer is too light to bandle tank parts so it will be replaced by heavy overhead crape.



Idlo machines are rashed to storage yard so fast working do not have time to cover them against the snow. These heavy presses were used to storage they det femilers and hoods. Now Chevrolet wants them out of the way to make room for war work in its big home plant at Flint.



idit mon get their final pay from Chevrolet at Flint, on Jan. 30. They were laid off several days before, as engine, stamping, subassembly, other departments closed down. Chevrolet has some war orders now and expects much bigger ones, which will probably give all these men new jobs.



Idle dies are stored for the duration in a decommissioned body plant. These shaped and perforated blocks of metal are the most valuable tools in the automobile industry. This pile, worth \$2,000,000, was used to make 1942 models, but is useless to war effort except as scrap. So are

the buge turred top and body-section presses in the background, which are anchored 20 ft under the floor in solid concrete. To move them would require dismanting much of the building. When auto manufacture is resumed after the war, these dies can go instantly back into service.



Some day the name of Will w Run should be as fas-mors in U.S. history as Ball Ren. For beside Willow Rom, a meandering lattle stream west of Detroit, the U.S. today is winning one of the decisive battles of the war the battle to band bug bombers in overwhelming numbers, at an overwhelming rate. Several

months from now, when the Willow Run plant will be in almost full product on, grant by labors will be higzing off its lengthy assembly lines at a rate no enemy qui matele

Henry Ford s hudding Willow Run, with contracts for half a bilaton doltars, worth of bombers as a starter.





NORTH ASSEMBLY BAY WILL HOUSE AN ASSEMBLY LINE HALF A MILE LONG. CONSTRUCTION IS STILL GOING ON AT THE FAR END, WHICH IS ALMOST HIDDEN BY DUST AND HAZE

Ground for the balling was broken in April, less than a viar a to Already Willow Rous Diela lest be large in the world, with some of that I to be lest thorests of new machine tools are a rounds, to a vest shops. More han 750,000 by of all near rounds for fabrication. Walow Renals and stockare sweet reading or

At irears. Its floor space covers in floors of square feet and took almost 600 carbaids of creosofe blocks for pare 62. It has 28 index of error tracks. Its airfield, from with his short bor bers will hop direct to Army be as will have 11 index of ranways. Its hangar will take in a dazea heavy bombers.

But the speed with which Willow Run will turn out places for war is more important than its size. On a single operation on a wing section, for mistairee Ford or givers have already of the working time from to book to 30 minutes. If at is the kind of Givery that Willow Run is withing now and will keep on wanning,



Auto Industry at War (continued)

TANK AHSENAL CHRYSLER BUILT THIS BIG ONE

Detroit's greatest production achievement so far in World War II is the giant Detroit Tank Arsenal operated by Chrysler—a brand new, ultramodern plant in that suburban fields that were cow pastures a little more than a year ago. Here some of the best brains

in the auto industry were turned loose on the problem of making 28 ton tanks by mass production methods. (Average automobile weight 1 2 tons. Results have been so spectage dar that they must be closely granded military secrets. But the photograph below is ample



proof that Detroit is already making a lot of tanks.

On the assembly lines shown here the tank begins as a low, seen shaped slab of armor plate called the hull First job is to get it on wheels, so it can roll along the line on its own. The rubber-treaded track is added

later. As the line moves, a few feet an hour, engines, sides, gun mounts are added. Last piece to go on is the heavy round turret in which a gunner sits at battle station. Chrysler tries out each tank on its own churned up testing track, which has plenty of ditches, concealed

logs and bridges. The proud young test dravers were erash believes and pull-overs lettered "TANK ARSE-NAL, the a college man's sweat shirt. Detroit's Sonday afternoon drivers park by the hundreds on the strip in the middle of the nearby road to watch the fun.



F ON THE NEWSFRONTS OF THE WORLD

The Japs tighten their grip on the Far East as Congress loosens U.S. purse strings

Last week the far-flung battle lines of the Far East. were shaping up into a climax. Almost everywhere the Japs were crouching, waiting to pounce. They had Singapore under siege, but had not yet attempted to take the small island. Guns barked across the mile-wide Strait of Johore and ducks, unaccustomed to the noise, refused to lay eggs. Although enemy bombers cruised over the island almost at will, starting fires, civilians and the 60,000 troops in the garrison seemed anxious to live up to the example set by the people of London and the garrison of Tobruk. Sir Shenton Thomas, the civil governor, helped douse fires in his shirt sleeves. "I can tell you," said a British officer at one of the advance posts, "there are a lot of itching fingers on rifles and machine guns around the island."

AGUINALDO

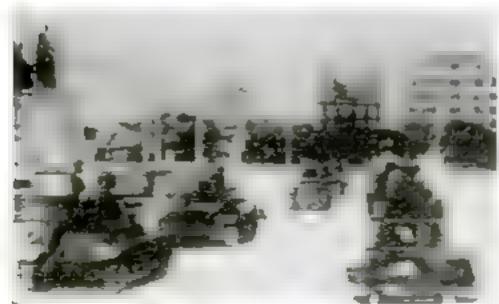
From the Philippines came the first pictures of the Jap entry into Manda (see cut). The picture was radioed from Tokyo to Berlin, published in a German magazine, picked up by the British who then sent the picture by radio to the U.S. In Manila last. week the Japa also found their first Quisling in 72-

year-old Filipino General Emilio Aguinaldo, who broadcast to General MacArthur to lay down his arms. In 1899 Aguinaldo led a Filipino revolt against the U.S. After two years of stubborn guerrila warfare, he was finally overcome by American troops led by General Arthur MacArthur.

Last week on the same peninsula General Mac-Arthur's son Douglas was holding out against Aguinaldo and the Japs. A Jap attempt to land on the peninaula with barges was smashed. A frontal attack on land by two crack enemy divisions was repulsed. The defenders, however, were mevitably dwindling in number and strength. Long-range Jap guns opened up for the first time against the American forts guarding the entrance to Manila Bay. A Navy announcement saying that an American torpedo boat had successfully attacked a Jap warship in Manila harbor showed that the passage had at least been breached.

Against the Indies the Japs were moving in great strength. Their fliers twice heavily bombed Surabaya, the largest naval base in the islands. "Rather considerable damage" was done, said the Dutch. Jap troops appeared to have overrun Amboina Island, second largest naval base in the Indies. The Dutch destroyed the base's navalinstallations, sank one Jap cruiser and damaged another cruiser and submarine, but with Amboma gone the Allies have lost the one big base that guards the approach to northern Australia.

Finally in Burma, a British army fighting with its back to the Burma Road was trying to hold the Japs and their Thai accomplices along the Salween River. Some of the enemy got across on their way to close the last road to China and unlock the gateway to India which hes due west.



JAP TANKS ROLL INTO MANILA ON JAN. 2

Congress. Congress was spending money like water and the taxpayers-those who paid any attention to it-loved it. The largest single appropriation in his-

tory, \$26,000,000,000 for

CHANRY

the Navy, was catapulting through Congress. A half billion dollars was handed to China. Bills coming up would jump total war appropriations more than \$150,000,000,000 and as soon as somebody got

around to it, the present debt limit of \$65,000,000,-000 would be raised. But when James M.

Landis, new executive of Office of Civilian Defense, asked for \$100,000,000, Congress got tightfisted. Though OCD was losing Fiorello LaGuardia, who said he was quitting but was taking a very long time saying goodby, it still had Eleanor Roosevelt. Mrs. Roosevelt got a dancer-protégée of hersnamed Mayris Chancy a \$4,600-a-year job watching over children's physical fitness. Miss Chancy is best known for having introduced a dance in 1938 called the Eleanor Glele. Melvyn Douglas, movie actor, was given an 88,000-a-year part-time job heading an Arts Council. Blowing up with righteous anger, Congress sternly forbade the use of any funds for "instructions in physical fitness by dancers, fan dancing, street shows. . . . " It also refused to allot \$80,000 to Walt Disney for having made, at the Government's request, a fine animated cartoon called The New Spirit in which Donald Duck tries to make people feel good about paying income taxes.

One piece of Congressional liberality was backfiring last week. Having voted themselves civilservice pension rights. Congressmen were hearing protests from the folks back home, some of whom were starting a sarcastic "Bundles for Congressmen" drive. This is election year and Congressmen were



worried. Other people were worried too. Edward J. Flynn, Democratic National Chairman, declared that it would be a national disaster if Republicans got control of the House next fall. Perhaps remembering that Woodrow Wilson's 1918 appeal for a Democratic Congress had resulted in a Republican Congress, President Roosevelt hastily contradicted Flynn. He said that the criterion for election should not be whether a candidate was Republican or Democratic but whether he had supported and would support the Government's war policies.

Sinkings. German submarines were sinking boats in the western Atlantic at the rate of one a day. Seven more were sunk in U.S. and Canadian waters last week, bringing the total acknowledged by the U.S. up to 17 since the start of the intensive U-boat campaign. January sinkings were above the average for the previous six months but still below the sinkings in January 1941.

Back to Tobrok. Last week the British were preparing to make their stand against the advancing desert army of German Field Marshal Erwin Rommel some place "west of Tobruk." In 18 days Rommel had recovered 300 miles of Libyan territory from the British and last week he was within 140 miles of the Egyptian frontier. In making this advance the Axis was aided by Vichy, which last week had not denied having chartered French ships to the Germans to transport oil and supplies to Libya.

Besides the Germans and Italians in front of them. Britain's forces in the desert have also to contend with pro-Axis Egyptians behind them. Last week an Egyptian Government crisis, precipitated by an argu-

ment over Egypt's diplomatie relations with Vichy, showed up the pro-Axis sympathies of certain high Egyptian officials, not excluding young King Farouk. For a few days it was touch-and-go whether Farouk would be dethroned and a constitutional government instituted in his place.



FAROUK

At week's end Farouk was still king, but few observers believed that the last had yet been heard of fifth-column activities in Egypt.

Aid to Russia. Last week the Allies checked up on their promises to aid Russia. The British were found to be delivering their promised quots of weapons and supplies, despite their own needs in the Middle and Far East. The U. S. was reported to be delivering only half of its promised supplies.

Bigger Braft. Brigadier General Lewis B. Hershey, director of Selective Service, made it plain that many men now exempt from the draft would soon be called up. He told Congress that men now rejected for minor physical defects would soon be taken "by the hundred thousands." Venereal disease would no longer be a reason for deferment. Men with dependents could be called up after Congress had provided allowances for the dependents—as was done during the last war. General Hershey was speaking, he said, in terms of a U. S. Army of 7,000,000 or 8,000,000 men.

Casualties. Axis propagandists have long contended that the people of the British Isles would fight to the last Dominion or Colonial soldier. Last week the British officially disproved this he. Of the 174,000 soldiers killed, wounded or missing in the defense of the Empure from the start of the war until mid-October, the casualties were: United Kingdom, 71.8%, Dominions, 18.2%; Colonial, 5%; Indian, 5.5%.

PICTURE OF THE WEEK

On Jan. 31 some 30 widows of Navy men killed in action at Pearl Harbor piled out of a bus in front of the offices of a West Coast aircraft factory where they hoped to work (opposite). All had passed aptitude tests with high ratings. Between them and jobs provided by the company through the agency of the Navy Relief Society, there remained only a physical examination. Those who passed would obtain positions as clerical workers or on the assembly line.

In hiring them the company was recognizing the necessity of meeting a threatened nationwide labor shortage through employment of women workers. It was recognizing, too, the country's moral obligation to assist survivors of the 5,273 Army and Navy casualties reported thus far in World War II. Of this figure, 3,385 were sailors and marines killed and wounded at Pearl Harbor (see pp. 30-35).





CITY OF ATLANTA STAGES
BICYCLE PARADE TO BOOST
CONSERVATION OF RUBBER

n Atlanta, Feb. 1, some 600 well balanced Georgians pedaled at a 1-male bievele parade to bally so the patriotic cause of rebber conservation. Pacemakers were Mayor Roy LeCraw and Governor Filzene I almadge who were a long dark overcoat and declared he had last eyeled during the Spatish American War. They bestrode a glittering tandem, Mayor LeCraw at the handarbars, Governor Talmadae flapping along behind. "We got along hie," panted the Mayor, "ex-

cept that most of the time I was pulling two men."

Organizer of the "R de A B ke Fo-Save Rabber" demonstration was City Cour chinan Howard Haire, who is shown above reaping the rewards of his originality. Cried he Ruling bicycles is one of the last ways to conserve automorals tires. It also reduces the wastline. The parade in which indees of all ages participated, roll if from the State Capitol to Piedmont Park where prizes and in ment were distribute it.



MOVIE STARS OFFER BLOOD FOR VICTORY AS RED CROSS STARTS NATIONWIDE DRIVE In Los Angeles more than 2,000 persons stormed the doors of a newly opened Red Cross Blood Donor Center to pledge their plasma for victory. "Through this portal," read an inscription above the center entrance, "passed those who willingly gave their blood in the cause of freedom." Among those who registered as donors were Cinema Actress Carole Landis and Cinema Producer Cecil B. De Mille.

Miss Lands promised her pint for a little later in

the month when she will have finished work on a current picture. But Mr. De Mille had his veins tapped then and there. During the letting Carole's curiosity got the better of her, and peering into the producer's cubicle, she found him beaming happily at the attendant nurse. Many other Hollywood performers registered during the first day, as did the U. S. C. and U. C. L. A. football teams. Total national quota set for the Red Cross's blood drive is 1,000,000 pt.



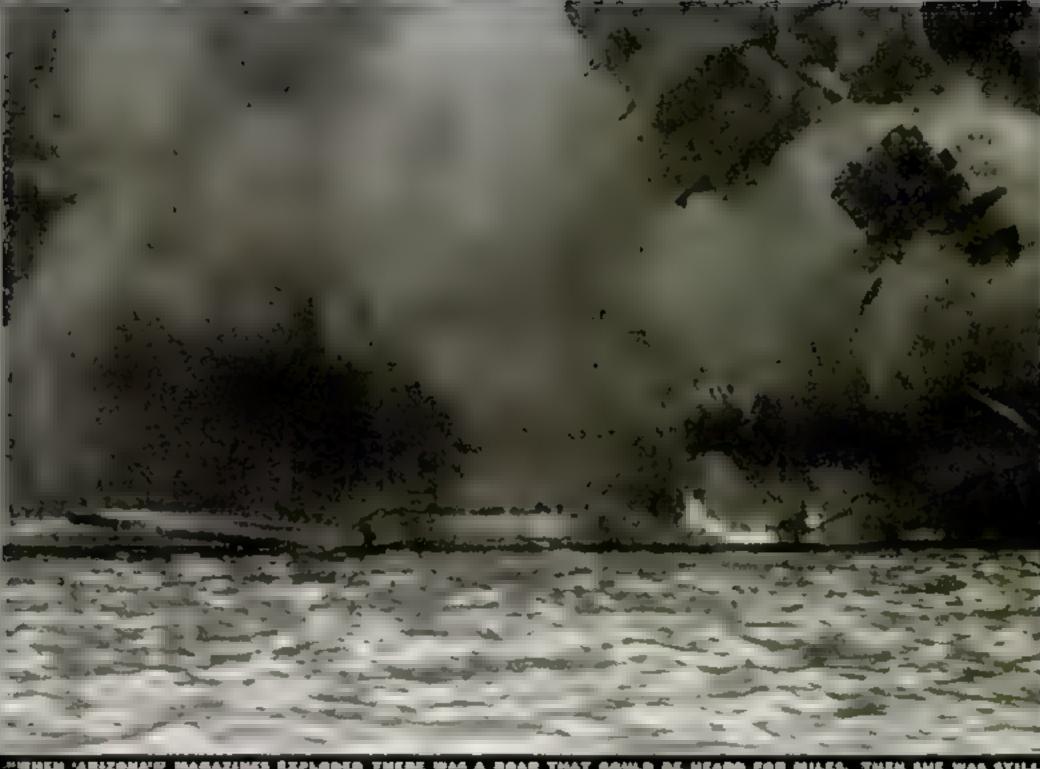


THE RED GLOW OF HER FIERER FIRES CONTRASTED



ANRE ONE OF THE LANGEST MATTLESHIPS IN THE WORLD, W.S.S. "ADIZONA" NOW RESTS ON BOTTOM OF PEABL HARDOR, NOTE GUNS OF FORWARD TOP TWENET JUST ABOVE SURFACE IN





PICTURES OF THE NATION'S WORST NAVAL DISASTER SHOW PEARL HARBOR HELL

The pictures on these pages just released by the Navy Department, provide the first good look the country has bad of what went on at the Pearl Harbor mival base on the morning of Dec 7. They are closquent testimons to the efficiency of a Japanese plan executed with devastating speed. Some of them were taken at the height of the holocaust which took is place in history as the nation's worst naval disaster.

From a naval otherr who took part in the Pearl Harbor affair and saw these sights. LIFE quotes in its parture captions. Said by "The in tial emotional attack can never be adequately described. There is a movture of surprise aid anger but scaut time for personal introspection. I was struck with the infernaof the (resona It made one feel for a protocut - 'Hos can't be the real thing. It's just like the movies."



SALVAGE MEN NOW BUT TO "ARIZONA'S" HULK AFTER FIRES HAVE BIED. THEIR BOAT IS NEXT TO HER STERM TOP TUBBET: SHIP MOUNTED 12 LARGE GUNG, IN SMALLER ONES.

U.S. DESTROYERS "SHAW," "CASSIN" AND "DOWNES" ARE HIT DURING JAPANESE ATTACK



The destroyer "Shaw" blows up. Shows lent a suffered a breet 1 tan 1 for a for moral soft in command from her factor so 1 ten be noger his a gent to a tremence as splessed to three per frame. An officer leser sed the tars as "great in iter tangers twined in the

back smoke, and rooming in to fontast a slapes at a few functed feet. A stringe uncertal value severed backer not News yard value [1] If I tree lie I sent of Danie's root vivid writing. The Some, one of the Mahardass, was very parst values bestroyer.

entra entra de la companya de la com



The "Cassin" and "Downes" but as de by so le at their are borage in Pearl Harbor. From these sleps, efficies a vew these account told of "pillars of the and smoke climbing high into the heavens, standing out against the backdrop of war. Ships were same type as Shan



Wreckage of the "Shaw" has next to dock which probably was owned in stup's functed pyre. The three vessels were the orly destroyers hit. Others, being fest and maneuvershie, undoubted a pulled up anchor and were among first to reach the safety of sea.



Here's what the English mean by "FISH 'N CHIPS"



1. First you select plump, ocean-fresh fish—and that precisely describes these flaky, delicious Birds Eye Haddock Fillers! Then you dip the fillers into batter. Next, deep-fry the fish, and a flock of potato chips—to a golden, crispy, mouth-watering brown!



2. This delicious dish (only one of many Buds Eye Seafood dishes featured during Lent) compares with the finest Fish 'n Chips that ever graced Old London! And why? Because Birds Eye haddock are occan-fresh—Quick-Prozen within 4 bours after docking!



3. Note too, madam, the fact that these prize-winning fillets come to you cleaned . . . boned . . . trimmed of all waste! Think of the work this saves! All you have to do is open the package and whip up a little batter. Naturally, all this . . .



HADDOCK FILLETS
RED PERCH FILLETS
Other Fine Lenfen Values
COD FILLETS
SCALLOPS - OYSTERS
SHRIMPS

4. Adds up to a substantial saving for you! Because 1 lb. of tempting, ready-to-eat Birds Eye Haddock Fillets (like all Birds Eye fish) serves four! And the cost per portion of Haddock is reckoned in pennies! Try Fish 'n Chips today—the Birds Eye way!

FRUITS - VEGETAT. 193
MEARS - POLITIN
SEAFCODS

Birds Bye, Dept., L. M. 2-10, Buttle Creek, Mich.
Please send me sets Birds Eye Cook Book. Enclosed find 10¢.
Name...

City State



64 Pages of tampting new food dishoe! Fill in coupon to the left, send 10¢ coin or stamps, for the new Birds Eye Cook Book.

THE OLD BATTLESHIPS "OKLAHOMA" AND "UTAH" LIE CAPSIZED AFTER THE ATTACK



The "Okiahoma's" keel plates and one of the people is at from the witers of Post Har her. "No roan who prosed to consider the west with the strength in the water was ever forget her round, reports a torket was a want to the ket the action. It was one

of regret for the Lass of Lass and slaps, out calculated at a liber companies released in a sure of the Saw Late phone and the sure of the Saw Late phone su



The "Utah's" bulk has like a gigantic whole on the harmon who was a decemb shoped buttheship, used as a target ship by the Pacific Flort. Obvious vittle Japanese bomber-mistook her identity and gave her a posting worth, of a compatant ship. Other 1. So ships sailed

by the Ottahama on their way tess. An officer tills of the "print and emittin experienced enpassing ships that war in her overton, or who could not at the time case could be see, when the cross of the sups left belond to error the feet that was underwey

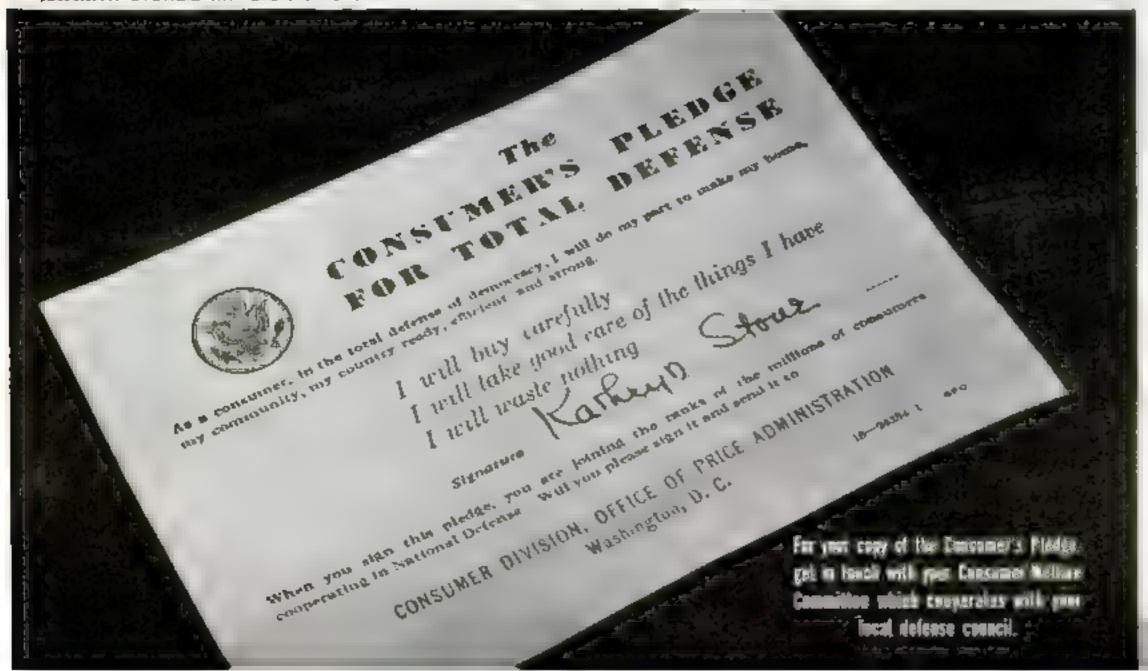
Advertisement

AS PART OF HER CONTRIBUTION TO CIVILIAN DEFENSE, HOUSEWIFE KATHRYN STONE SIGNS PLEDGE TO WASTE NOTHING

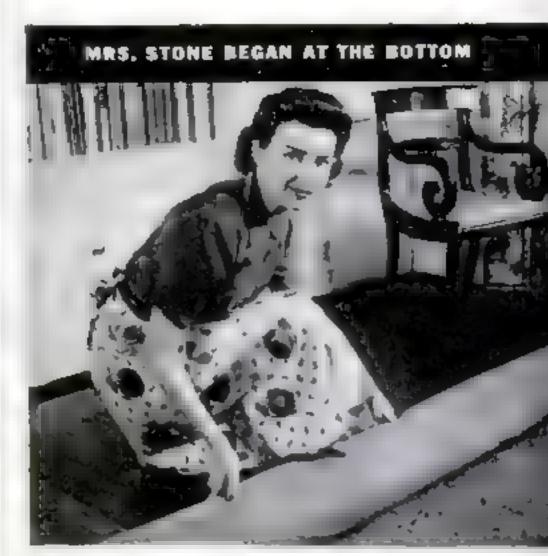
MRS. CONSUMER SIGNS PLEDGE FOR HOME DEFENSE!

Note the patr of is the woman who wistes These or tool the same belonge at every lonsewal. Take so many of his sister civil its, Katava Stone tabove as proud to sign OPA's Consider Pledge to co-operate with the most for-reaching consider on pagentatives at the right slow what Mr. Stone is doing as part of her same are solved to bay earefully and to take good sine of the things shelps. To take good sine of the things shelps. To take good sine of the

KATHRYN STONE'S NAME ON THIS SLIP OF PAPER ENROLLS HER IN AMERICA'S TREMENDOUS ALL-OUT VICTORY PROGRAM



ONE WAY TO "TAKE



Floors get brutal treatment. Neglected floors eventually recil costly refusal u.g. Mrs. Stone had long known haw J. Lison, s.W. ix protects floors from wear. And the present coungrary to a left concern reful then ever.



Johnson's Wax did for her floors. But her protective housekeeping program, and it stop there She gave her not see young farasters a fact, with the same wax.



"There's no excuse," says Mrs. Stone, "for neglecting known floors these cays. Not whon your lave Johnson's Self-Polishing Glo-Coat" Just spread Glo-Coat on your clean floor. An a your plois dire!

SUGGESTION:

GOOD CARE OF THE THINGS YOU HAVE"... protect them with Johnson's Wax...



She waxed floors room by room. First she applied Johnson's Wax on the clean floor and then (to save time and elbow grease) she used a Johnson's Electric Floor Polisher. She rented it from her wax dealer.



Protected now, and lovely, are Mrs. Stone's floors. Their wax polish minimizes wear — makes the finish last far longer. (You can also polish Johnson's Wax with a weighted brush instead of an electric polisher.)



She tells her friends: When floors are wax-polished they are much easier to keep clean. Dost and dirt don't cling to a waxed surface. Mrs. Stone finds she now has more time to devote to War Service work.



No damage done! Little Kathie's fingerprints will wipe off quickly. Waxed woodwork is easy to clean. Window sills in the Stone's house are also waxed to protect against rain-spotting when windows are open.



So many things around the home can be safeguarded and made easier to clean with wax. Leather articles, Venetian blinds, parchiment lampshades, etc. 100 protective uses are listed on the Johnson's Wax package.



All three kinds of Johnson's Wax are found on Mrs. Stone's pantry shelf—the well-known paste and liquid forms, and also, Johnson's new Cream Wax recently perfected for use on furniture and woodwork.



Come back in 20 minutes and your floor is glistening like new. Glo-Coat shines as it dries—without a stroke of buffing. It freshens up fading colors. And a Glo-Coated floor is easy as oilcloth to keep clean.



Spilled things wipe up in a juffy. When you use genuine Johnson's Glo-Coat you'll find its beautiful shining polish is surprisingly long lasting. A protective Glo-Coat film doesn't chip or crack.



Away goes Mrs. Stone for an afternoon at the Red Cross. She's happy to be doing what she can for Civilian Defense not only in war work but in taking the best possible care of her bome and all its furnishings.



Shirley Lloyd sings tring a care out 1 c Son in) Arrive of Diese of Service Character at Benering to the care to Strike some Last not Strike size of a last care Benerical strike size of a last care as Benerical str

Les la Rutte Beverbat Review or esupo bitle

Les la Rutte Foral de Carlos Sie auto servies

Les la la Carlos de Sie auto servies

Les la carlos de





SHIRLEY LLOYD SINGS WITH USO ARMY CAMP SHOT

ARMY SWEETHEARTS

They sing and broadcast to troops

The long, long trail of Army sweethearts, blazed originally in World War I by the Mademoiselle from Armentières, Madelon and their redoubtable sisters, is a well-traveled road in World War II. Few of the "pin-up" girls, "comph" queens and regimental sweethearts in recent months, however, have possessed that quality which, rather than mere passing eye-appeal, can win the real affections of the men in Army camps: friendly simplicity. Of the more authentic but less-publicized Army sweethearts, the two who appear on these pages, Shirley Lloyd of New York and Jean Ruth of Denver, are standouts.

When Shirley Lloyd, a small, blue-eyed youngster of 21 starts singing her favorite song, I Don't World To Set The World On Fire, what she does is kindle an even fierier enthusiasm in the hearts of her soldier audiences. Shirley is a singer with Ada Leonard and her Ail-American Gul Revue, which is touring the Army camps. This in turn is only one of 24 large and small road companies which USO—Camp Shows, Inc. now has on circuit, but Shirley is the one star in them whom most soldiers remember, for she has "home appeal" Shirley is married to a New York musician, a fact which most admirers do not realize. As one observed, "She's the kind you'd like to love, marry and obey"

Not yet married is Jean Ruth, known as "Beverly at Reveille." dream girl of the four Army posts in and about Denver. Every morning from 5.30 to 6.30 the men rise, wash and police their barracks with portable radios tuned in faithfully to Beverly, who at KFEL broadcasts records, chatty personal messages, camp bulletins and Pep. Beverly, pretty, brown-haired and 22, has dates with the boys at camp, dances and drinks Cokes with them, on the air kids them out of their early morning blues, to the delight of morale officers. For more on Shirley and Beverly, turn the page.



"BEVERLY AT REVEILLS" BROADCASTS TO ARMY CAMPI

CONTINUED ON PAGE 41

IT'S THE TOBACCO THAT COUNTS!

One in a series of notable paintings of the tobacco country by America's foremost artists



Scouting the crop before auctions open. Painted from life on a Southern farm by Georges Schreiber

WE PAID 34%* MORE IN MULLINS, S. C., TO GET THIS LIGHTER, MATURALLY MILDER LEAF

Down in Marcon County, South Carolina, of a firtile saidy pain you lifter Michael.

Multis is a tobacci town one of the scores and sears of Southern town, where Luckes buy tobacci.

In Mullins this season, the makers of Lick espend 31 subject the average market provided the null or to the fashes to be conversed a more to the given to hear the lighter, the majority mader to face is you find in Lackies,

This was in no way in islait last season, in every one of 119 markets all through to-bacco and, we paid well above the averce market price for tebacco and the assi we bould goes into Lucktes.

To and purple in the tobacco experts who know these facts, landy Strike means have to the co-With these experts—auctioneers, this is and wareholdscriped with non-standard tobaccobest, it should be to be standard to be standard to be standard to be standard tobaccobest, it should be supported by the supporte

In a centette it sign tobaccolari courts!

STRIKE
ITS TOASTED"

THENSPORT THE FEBRUAR AND ADDRESS OF THE STREET ADDRESS OF THE STREET AND ADDRESS OF THE STREET ADDRESS OF THE STREET AND ADDRE

Based on average mark tipries, U.S. Department of Ameritare

WITH MEN WHO KNOW TOBACCO BEST-IT'S LUCKIES 2 TO 1

This Fine Whiskey Is Not Expensive

You would expect G & W Whiskey...with its rich flavor, rare aroma and 110-year tradition of excellence... to rank as high in price as it does in quality. Yet the pleasant fact remains that G & W is not expensive at all! * This happy combination of honest goodness and low cost has won for Gooderham & Worts countless thousands of enthusiastic supporters over nearly six generations. And today, more people call for liquors bearing the G & W label than ever before. * Try G & W Five Star or Private Stock—featured at better taverns and retailers everywhere. You'll find these mellow, distinctive whiskeys as pleasing to your pocketbook as they are to your taste.

GOODERHAM & WORTS, LTD., PEORIA, ILLINOIS

Makers of Fine Whiskeys for More Than 110 Years



Insignia of Excellence

DRESS ACCESSORIES AND CREST OF CANADA'S FAMOUS "ESSEX"

O'N'THIS honored Canadian regiment's Balmoral—shown above with skean dhu, gloves and pipe major's belt from the dress uniform—is the famous crest inscribed with "Always Ready," a motto as true of the Essex Scottish today as during the first World War, * Honors won at Ypres, the Somme, Amiens, Cambrai and other great battles speak for themselves as to why this jaunty crest is an outstanding symbol of superiority the world over. * * * For 110 years, critics have looked to the G & W label as the insignia of excellence in distilling and blending fine whiskeys.

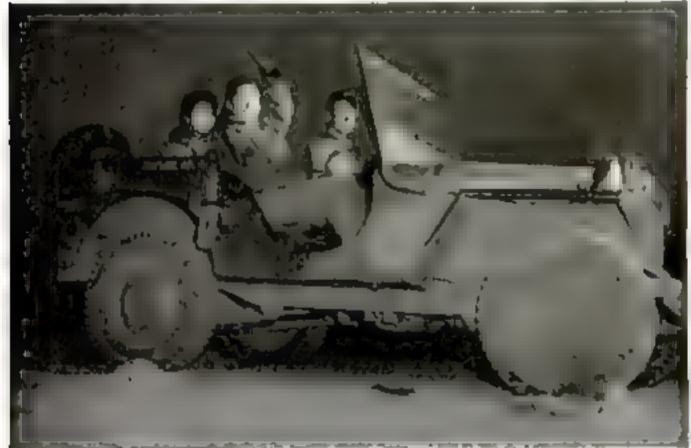


(continued)

SHIRLEY LLOYD IS A TOP USO STAR



At Fort Benning, Ga., Shirley takes a practice parachute jump, a privilege not usually afforded to visitors, with Private First Class Frank Cappitells of the paratroops.



Shirley rides a "beep" (called also a "son of a jeep" because it is smaller) with Captain James W. Snee of the Second Armored Division. In back is Gast Page, a friend.



Shirley inspects a tank with Sergeant W. H. Ingram. Because of the cold, she wore a borrowed soldier's combat jacket. Altogether, she spent six days at Fort Benning.





Yet even he didn't guess she wore

elastic stockings!

Confortable relief from surface varicose veins!



Your legs can still be brautiful . . . even if your doctor has prescribed elastic stockings!

For Bauer & Black Elastic Stockings are not conspicuous, even under sheet chiffon hose. These fashioned-to-fit "Lastex" stockings have two-way stretch, are light, cool and comfortable. Yet they effectively help relieve the pain of surface varicose veins.

7 styles for men and women at drug, department and surgical supply stores. Accepted by American Medical Association, Council on Physical Therapy.

FREE!.. INTERESTING SOOKLET ON ELASTIC STOCKINGS! Bauer & Black, Division of The Kendall Co., Dept. EC-35, 2500 S. Dearborn, Chicago. (In Canada, Leaside (Toronto), Ontario.)

| AM | E | | |
|-------|---|--|--|
| 13.74 | - | | |
| | | | |

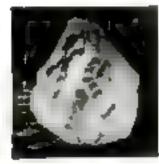
ADDRESS.

HOW TO FIND "YOU" place in the sun

YOU can find "your place in the sun" I right in your own home. Now-at the snap of a switch you can have all the glorious, health-giving suashme your tired, over-taxed body needs. For, with the new Hanovia Alpine Home Sun Lamp in the house, you (and every member of the family) can enjoy the wonderful effect of healthful ultraviolet every day, Daily Hanovis sun baths not only helpreseve the nervous tension of business worries . . . tone up your whole system ... restore youthful glowing vitality, but they also give you a hondsome, healthylooking tan, besides. Take your piace in the sun! It's yours for the asking now!

Hanovia's patented pure quarts tube gives you substantially more healthgiving ultraviolet than any other make. This known fact has made Hanovia the largest manufacturer of ultraviolet equipment in the world.

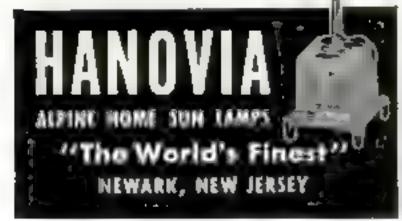
Hanovia Sun Lamps are economical to operate-priced from \$64.50 F.O B. Hanova Chemical & Manufacturing Co., Newark, N. J. Easy budget terms if descred.



Only selected quality, fused quiets is employed th forming a Hanovia "burner" Fused quarta has the property of trans-mitting more ultraviolet light over a wider range of wave lengths than does any other material used in lamp construction,



Daily Hanoria sun baths help calm tired nerves, develop a handsome tan and restore vital dy and paper thus helpthat to keep your mond and body alive!



See Henovia Lumps of deportment, electric and medical stores and our showpoorss. For further information prite Dept. 4.9 for our free illustrated booklet, "Year Place in the Sun."

"BEVERLY AT REVEILLE" WOWS TROOPS



Beverly rises at 4:20 a. m. in the room she shares with another girl in a Denver boardinghouse, gets dressed in warm hed occause of the cold, dashes to her 5:30 broadcast.



Beverly breadcasts her hour-long show over Station KFEL while two soldiers look on and control-room man changes records. Between records she reads from camp papers.



In the harracks at Lowry Field, as at other camps, soldiers tune in on Beverly when the reveille bugie blows. Camp officials now send her bulletins to be read to the men,

CONTINUED ON PAGE 44



ACTRESS: Not a laugh in the first act! But frankly-that purge I took this morning bas left me woozy!

WARDROBE MISTRESS: Why don't you try NUJOL for that ordinary constipution, Miss Pearl? NUJOLS so gentle and easy on you-it doesn't get you upset like those violent physical

ACTRESS: No? How is that?

WARDROBE MISTRESS: Because NUJOU'S a fine mineral oil. A tablespoonful each night and morning keeps you regular as clockwork. There's no taste to it, either! That's why NUJOL is such a sensible way to overcome ordinary constipation.



You Can Get Quick Relief From Tired Eyes

MAKE THIS SIMPLE TEST TODAY Eyes tired? Do they smart and burn from overwork, sun, dust, wind, lack of sleep? Then cleanse and soothe them the quick, casy way use Murine.

WHAT IS MURRINE? Murine is a scientific blend of seven ingredients safe, gentle, and oh, so soothing! Just use two drops in each eye. Right away Murine goes to work to relieve the discomfort of tired, burning eyes. Start using Murine today.

SOOTHES • CLEANSES • REFRESHES

Cup no is quickly, easily, smoothly Extra leverage, Demand Wigder, At drug, cigar, and 10¢ stores.

NAIL CLIP FOR BUSY MEN!



Two people sleep when one goes Pullman

DICK HILL's lighted Pullman speeds swiftly through the right.

Snow whispers at the windows, tugs at the vestibules, swirls and eddies in the glow of the lights silently mounts in feathery drifts over a hushed landscape.

In the warm cheer of the Lounge car, Dick Hill puts out his cigarette. He closes his book, says good

night to the couple across the aisle, strolls slowly through the train to his berth. Toilet kit and dressing gown in hand, he enters the spacious dressing room—scrubs up for the night with piping-hot water and plenty of clean, white towels.

He says good night to the smiling porter and goes to his berth—hangs up his clothes, fastens his curtains, turns in between crispy-clean sheets in a bed as soft as his own at home. A last, lingering look at the rush of snow past the window—a flick of the switch on the reading lights, a satisfying punch at the two fluffy pillows—then the last, shivery little snuggle before warm, dreamless sleep. Dick Hill likes Pullman travel. Tomorrow morning he'll be where he expects to be,

But he's not the only one who's sleeping because of that snug, cozy Pullman berth.



A hundred miles away, Dick Hill's wife puts away her knitting, shuts Spot in the kitchen, opens the front door and looks out.

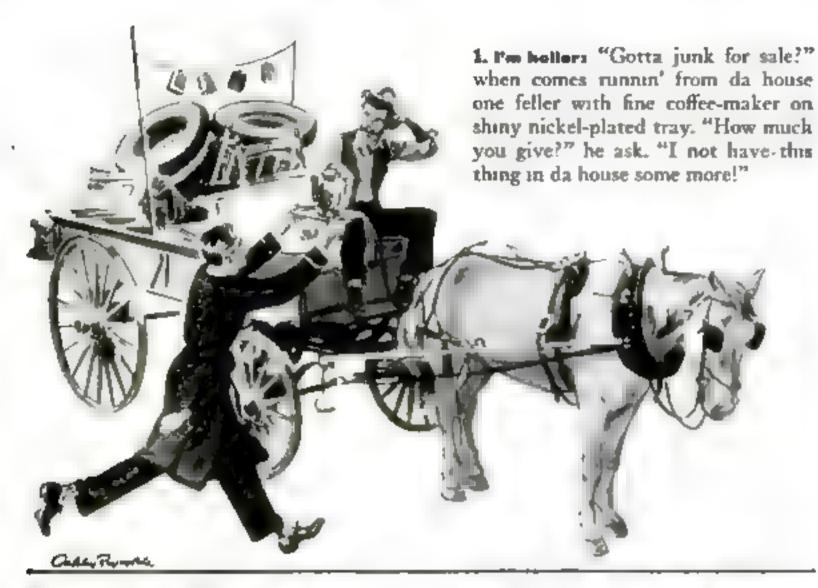
The snow is deeper, here—falling faster, from a sky that looks black and angry. A car inches its way along the street, plowing white furrows with its wheels.

Dick Hill's wife smiles a little—puts out the porch light, locks the door, tiptoes upstairs. She looks in on the children, undresses and goes to bed. Ten minutes later, she's fast asleep—with the same drowsy little smile playing around her lips.

Dick's snug and safe in a Pullman-all's well!

For comfort, safety and dependability - GO PULLMAN

How to win da friend... and lose da customer!





2. "Whot's e-matte you?" I ask. "No like da coffee?" "Sure!" he shout. "I love da coffee. But da caffein, she's keeping me awake! I never touch da coffee again so long as I live!" I sav: "Mister, you makin' one beeg meestake!"



3. "You try do Sanka Coffoot" I say. "She's good coffee, but she's 97% caffein-free, an' no can keep anyone awake!" He don't look like he's believin' me. "They take the cuffein out?" he ask "And this no hort the coffee?"



4. "No!" I'm cluim "Sanka Coffee, she is deelish! Only da caffein is comin' out. Flavor, she's stay inside. Sanka Coffee is ver' good blend of fine coffees from Central an' South America. Sucha flavor. Ah, my friend, here is good coffee!"



5. "Look!" I say. "You no wanta sell da coffee-maker! You keep! You go buy one can Sanka Coffee. Drink him every meal. You will love theese beautiful coffee, an' you will sleep hke da bambino!" "Tony," he say, "I try!"



6. Comes one other day I'm drivin' by, he call to me. He say he drink Sanka Coffee an' sleep like crazy. An' he give accordion as present for Tony who tell him about Sanka Coffee, she's lettin' him sleep!"



SANKA COFFEE

Make Sanka Coffee strong. Use a hraping tablespoon per cup. If percolator is used, "perk" Sanka Coffee a little longer

TUNE IN two great radio shows are now on the air for Sanka Coffee: Twisday night. "We, the People" • Sunday afternoon: news by William L. Shiree, the famous author of "Berlin Diary" See your local newspaper for times and stations.

"Beverly at Reveille" (continued)



With an "electric eye" gan Beverly shoots down "airplanes" in the USO Clubbouse during a visit to Fort Warren, Cheyenne, Wyo. With her is Private Harold Stratton.



As guest of honor Beverly leads the grand march at a Saturday-night dance at Fort Warren. She could stay up late because on Sunday morning she does not broadcast.





*It's Latakini (Pronounced La-ta-kee-a), a rare, very flavorful Eastern Mediterranean tobacco. This acts as a "seasoning" in New Old Golds... brings out all the enjoyable flavor of the other fine tobaccos in the blend. You get all the pleasure fine, expertly blended tobacco can give; and Old Gold's supply of Latakia now in America assures this for years to come!

Wisconsin Dietitian Comments

Says Miss Margaret Cutry, Eau Claire: "New Old Golds have an entirely new, different taste that just meets my requirements! And I can fully appreciate how important the 'secsoning' of flavorful Larakia leaf is in creating this flovor perfection."

P. Loritard Company, founded 1760 blanders of fine tobaccos since George Washington's day.



MOVIE OF THE WEEK:

Moman of the Wear

Katharine Hepburn swings a deal

ast spring Katharine Hepburn was looking around for a new movie to act an when she heard of a story be ms, written by two unknown young writers. Rong Lard. ner Jr. and Mike Kanes. the younger brother of Move. Director Garson Kan n. The story concerned the romance of a glamorous woman commentator and a New York sportswitter Hepburn thought the parts so ted her and Spencer Tracy whom she wanted in her next movic. So taking a big sisterly attitude towards the young a sthors, she proceeded to be lp doctor the instory and sell it to M.G.M as the work of some anonymous genius for \$211,000, the highest price ever paid for an

a survivous script. Of this amount Hepturn acree f tock ×100,000, paid nor agents 810,000, gave ×100,000 to the authors who couldn't have surn a half as much under the rown Lames. The extra 81 000 went for tilephore calls and other Hollywood nertertals

Successo felt personally responsible for the whole Dong Hepburn performs at ner scarp best and Souncer Teacy Lelps swing to social by one of Lis homespith Let perfectly tailored performances. As a story, Woman the best remove than a bright retoling of the old or a thoul a worner searcer versus her name life Birt. M-G-M got their money's worth out of Kate Hepburn.



Tracy taking Hephura to her first ball game explains a good ball must pass between the hatter's knees and shoulder Says she, "If the batter were smart, he'd stoop down and fool the pitcher."



In newspaper office where Tracy and Hepburn both work they settle their feuds when she sends him a bottle of brandy. Says he, outlining the bottle with his hands, "Thanks for the thing."



The Beginning of a Beautiful Friendship

II E'S only fifteen months old—but already he and his oce cream Dixie are old friends. And, like his older brothers and sisters, he clamors for one whenever Mother has him out in the car or for a stroll.

For mothers up and down America have come to look upon an ice cream Dixie as the one confection, wherever purchased, that is safe to give even the youngest child. For ice cream is good for all ages... and the ice cream in a Dixie is always pure, of finest quality and reaches the child clean and free from contamination.

In fact Dixie Cups of all kinds, whether they be water cups, soda cups or other types, are rapidly becoming a symbol of health protection. They break the chain of contagion—for Dixie Cups are used but once and then destroyed.

DIXIE CUPS

DIXIE-VORTEX COMPANY, EASTON, PA., CHICAGO, ILL., TORONTO CAN.

DIXIE CUPS are safeguards of health at all times
... everywhere. In the office,
in the shop, in public places,
at soda fountains, on trains

"Woman of the Year" (continued)



Hapburn drinks herself under a table during her first quiet meeting with Tracy at Pinkie's bar, but still carries on her philosophical discussion of Spengler. She also explains how as a diplomat's daughter she grew up abroad, met too many famous people.



With only half an hour for their wedding, Hepburn and Tracy wait at a little town in South Carolina for Hepburn's father to rush in for the ceremony. Being an honest centimentalist, Tracy insists on wearing his fancy pants, his tails and his top hat.



After the caremony the justice of the peace brings wine to toast the bride, but her father has already rushed off and Hepburn herself is embroiled in a long-distance call to New York concerning a refugee Yugoslav statesman. In the corner waits the groom.





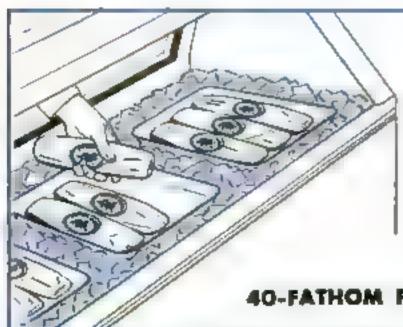
MACK OUT OF THE OCEAN INTO YOUR

KITCHENI That's the way they taste, these wonderful seafoods from the cold Atlantic. And that's the way they are! The big 40-Fathom trawlers unload right into our plant at the Boston Fish Pier. Almost in a matter of minutes, the fish is transformed into gleaming white fillets with all the freshness and flavor sealed in by quick freezing.

And that's just the way you get them — no matter how far you live from the ocean — as tasty and tempting as they're served on the coast itself. Don't miss this exciting treat from the ocean.

Think of the wonderful meals you can serve with all the varieties of 40-Fathom Fillets, Steaks and Shellfish to choose from! HADDOCK, SOLE, OCEAN PERCH, COD, SCALLOPS, SWORD-FISH, FLOUNDER, HALIBUT, SALMON, MACKEREL, and other favorites. Wrapped, waste-free, ready to cook. Enjoy these deep sea delicacies now.





EASY TO BUY

40-Fathom Seafoods are sold by leading markets and grocery stores. Look for the big "40" on the wrapper. If your own dealer does not stock the variety you'd like to try, he can quickly get it for you. Ask him today.

40-FATHOM FISH, Inc., BOSTON

"Woman of the Year" (continued)



On their wedding night back in New York the bride and groom are interrupted by the Yugoslav statesman (center), who has just escaped from Nazis. While he and Hepburn chatter excitedly in German, Tracy, who understands nothing, continues to wait.



In the hridal chamber, after all the statesman's friends arrive to welcome him, Tracy for revenge calls in his own sports-loving pals from Pinkie's bar. Tracy and Hepburn finally retire to the aidelines while the strange mixture of guests talk and gesticulate.



A few weeks laist Hepburn announces she is going to have a baby "Thope it's a boy," says Tracy. "It is a boy," says Hepburn and calls in Chris, a little Greek refugee she has just adopted. As for having her own baby, Hepburn declares it is "impractical."

CONTINUED ON PAGE 63

It gives a girl Glamour

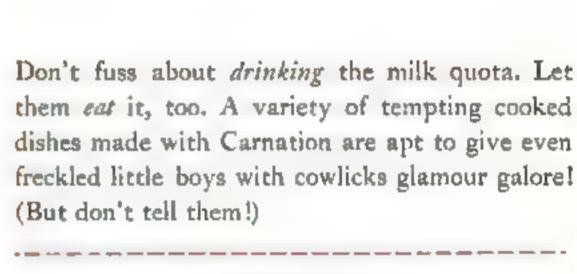
. . . when she EATS her milk too

Who says little girls are made of "sugar and spice and everything nice"?

It's much more likely—when they're rosy and giggly and delectable with curves—that they're made of milk solids! Plenty of 'em—the way you get them in Carnation Milk.

Carnation's a wonder at helping out on this quart-a-day business that pesters mothers. Diluted half and half for drinking, it's like good whole milk. Poured undiluted on fruit or cereals, it's double rich in milk solids. And cooked with, undiluted, it slips in a double rich ration, unbeknownst!

Pure, economical Irradiated Carnation Milk is not one thing but fine cow's milk. Minus part of its natural water. Plus "sunshine" vitamin D. It's by far the largest selling brand, because mothers and doctors count on its protein for growth . . . its butterfat for energy . . . its easily digested soft curd.



ASPARAGUS CUPS

2 eggs

Milk, undiluted

Loup cooked asparagus

2 tbsps. melted butter 1/16 tsp. nutmeg Few gratings lemon rind Salt to taste

Beat eggs light. Add milk, asparagus cut in short lengths, and other ingredients. Pour into individual buttered baking cups. Set in pan of hot water and cook in 350° F. oven until set. (Serves 4.)



FREE! Big 48-page, hand-somely illustrated cook book "Growing Up With Milk." Fun of recipes that put milk in the diet in a thrilling new way. Daily menus for all ages. Ad dress Carnation Company, Dept. L5, Milwaukee, Wis.; Toronto, Ontario, Canada.

MUNDAY EVENING ON THE NEG RED NETWORK

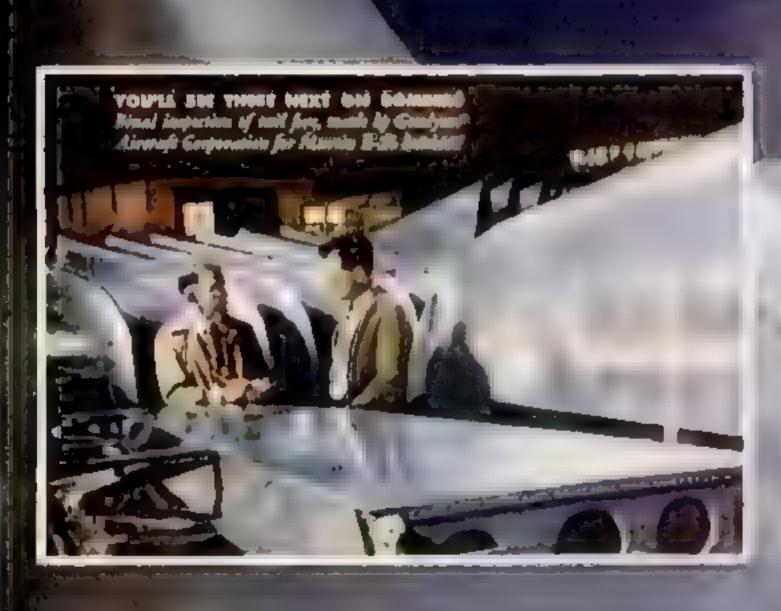
Carnation Milk

OF STREET





America must be first in the







"Woman of the Year" (continued)



Hephurn dresses for hanquet at which she will be honored as Outstanding Womans of the Year. When her husband decides to stay home and look after Chris, she says, "What can I tell them?" Says he, "Tell them I had to stay home and mind the baby."



who so magnificently symbolizes the full and rounded life . . ." burbles chairlady in praise of Hepburn while handing her a fancy gold plaque. But the Woman of the Year finds she has much to learn before she deserves even to be called a woman.



How's your "Pep Appeal"?

-by Bundy



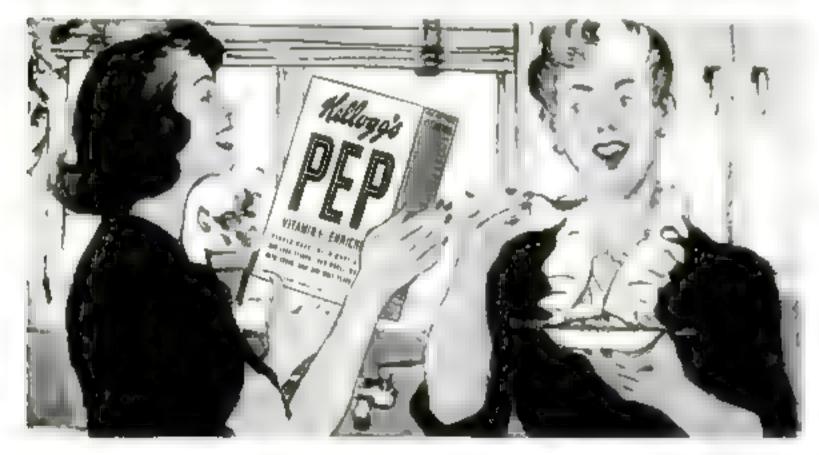
Jennie: Tal da-da-da! Loosen up the hips, Auntie! And get a little sparkle in your eye! The rhumbs is supposed to be fun.

Auntie Mas: Oh, dear! I know I'll never master it!



Auntis Mae: It's no use, Jennie! Even if Mr. Brown does love to dance, I'll never be able to do the rhumba

Jennie: Fiddlesticks, Auntie, all you lack is a little pep appeal. And that reminds me. I'll bet you're not eating right, not getting all your vitamins. You can't have pep without vitamins, you know. Come down to the pantry and we'll make a start right now



IBBNIB: And now, Auntie, right in this scrumptious cereal are extra-rich sources of two of the most important vitamins, B₁ and D. Yessir, right in Kellogg's Pep, made from choice parts of sun-ripened wheat.

Auntie Mae: Hey! Why didn't you tell me it tastes so good? If getting the other vitamins is as much fun as eating PEP, I may wind up doing the rhumba yet.

Vitamins for pep! Hellogg's Pep for vitamins!

Pep contains per serving: 4/5 to 1/5 the minimum daily need of Vitamia By according to age; 1/2 the daily need of vitamin D. For sources of other vitamins, see the Pep package.

MADE BY KELLOGG'S IN BATTLE CREEK

COPTRIGHT, 1942, BY KELLOGG COMPANY

WAR ONCE MORE BREEDS HEROES IN U. S. FORCES Medals reward bravery

arms. The nation that produces the best arms and the finest spirit is assured of victory. Sometimes wars are won by the side whose men consistently rise above the level of the ranks and by great gallantry overcome superior odds. Such men are heroes and America has had many of them

As the country entered its third month of a new war, it found that the spirit of its men had not changed. In the embattled Philippines, where every soldier was a hero, men were rising again and again far above the call of duty to distinguish themselves in service for their comrades and their country. At sea, many a member of the Fleet was simply performing dangerous, and what seemed impossible, tasks. In the performance of these deeds, some men gave their lives. If the award of decorations—the highest honor their country can give to the members of its armed forces—could be considered repayment, these brave soldiers, sailors and airmen were well repaid. But far brighter reward for their bravery was the lasting admiration and gratitude of the nation the heroes had so ably served.

The custom of awarding medals for deeds of valor is centuries old. Usually, even in the case of the U.S., the decorations were presented to the commanding officers of the distinguished ship or military unit. Not until Dec. 21, 1861 did Congress establish a decoration to be awarded to a member of the Armed Forces who had personally performed an act of heroism. For color reproductions of America's eight highest medals, see page 59.

The Army now awards seven medals for distinguished service or gallantry, the Navy, five. Recommendations for decorations, citing the deed and the circumstances, are sent to the War or Navy Department for appropriate action. Because of the difficulty in communication since the start of this war, nultary and naval communication in the Far East and in Hawaii have been authorized to award, at their own discretion, all medals except the Medal of Honor and Distinguished Service Medal

The Army and Navy Medal of Honor, highest and oldest of all awards, is given to an officer or enlisted man who, in action with the enemy, performs an act of personal bravery or self-sacrifice so conspicuous as clearly to distinguish hum for gallantry and intrepidity above his fellows. The Army's is awarded at the hands of the President, in the presence of an honor guard of troops. If given posthumously, as many are, it is awarded to the nearest relative at the most convenient military post or station. Only 95 were bestowed in World War I and only one has been given so far in this war.

The Army's Distinguished Service Cross and the Navy Cross are given for extraordinary heroism in connection with military or naval operations against an armed enemy, not warranting the Medal of Honor. No man can receive more than one Medal of Honor. Distinguished Service Cross or Navy Cross. If he is cited again for these decorations, the Army awards an Oak Leaf Cluster, the Navy a Gold Star, to be attached to the ribbon of the first award. One man, a native Philippine aviator, has been awarded a Distinguished Service Cross and an Oak Leaf Cluster since Dec. 7.

The Army Distinguished Service Medal and the Navy Distinguished Service Medal are given to members of the Armed Forces for exceptionally meritorious wartime service to the Government in a duty of great responsibility—the kind of award a staff officer far behind the lines can win.

The Army and Navy Distinguished Flying Cross is given for high achievement or heroism while in flight. Soldiers commended for gallantry in the orders of commanding officers are awarded the Silver Star; soldiers honorably wounded in action are given the Purple Heart; the Soldier's Medal is received for heroism not involving conflict with an armed enemy. Highest Marine Corps award is the Brevet Medal for distinguished conduct in the presence of an enemy. The Navy awards medals to men taking part in memorable naval engagements. The Army bestows service medals for military campaigns. Some day General MacArthur's troops will receive service medals to commemorate their magnificent stand in Bataan.

Heroes probably deserve more than medals. Nevertheless the pieces of bronze and bits of ribbon they receive are a country's highest thanks for their devotion to a cause, without which it could not exist. Heroes are bred in free lands from faith. The awards they earn are merely symbols of that faith, which "feels and never reasons and therefore is always right."

ROLL OF HONOR



COLIN P. KELLY

This Army captain, aged 26, was posthumously awarded the Distinguished Service Cross. On Dec. 2, flying a bomber off the north shore of Luxon, he placed three direct hits upon a Japanese battleship of the Harman class, causing its destruction. Returning to his home field, his plane was attacked by two enemy fighters and set after. This officer ordered his crew to hardout Six men saved themselves thereby, but Captain Kelly, the last man to leave the burning plane, was killed in the resulting crash. He is survived by a widow and one son,



ARTHUR NININGER

This Army second heutenant, aged 23, was posthumously awarded the Medal of Honor At Bataan, on Jan. 12, he voluntarily attached himself to another company of his regiment then being attacked by a superior enemy force. Although wounded three times, he continued to attack until he was killed, after pushing alone far within the enemy position. When his body was found after recapture of the position, one enemy officer and two enemy soldiers lay dead around him. He is survived by his father, of Fort Laudeniale, Fla.



RANDALL KEATOR

This Army second lieutenant, aged 24, was awarded the Distinguished Service Cross. In early December he was engaged in aerial patrol over the island of Luzon. He sighted and engaged a number of Japanese planes on their way to attack U.S. troops. After shooting down one plane, he was joined by other American aircraft and in the resulting action two more enemy planes were shot down. On the way to his home field, his gasoline and ammunition having run very low, he pursued another Japanese plane and saw it fall to the ground in flames.



JACK DALE

This Army second lieutenant, aged 25, was awarded the Distinguished Service Cross. In December, on the island of Luzon, he attacked an enemy landing force to the north of Manila. In a plane with markedly inferior firepower, he repeatedly dived on groups of Japanese transports, smashing antiaircraft installations on the enemy ships. After this feat, he dived his plane again and again at Japanese landing burges, causing heavy casualties among the military personnel. Lieutenant Dale then returned safely to his home field.



JESUS VILLAMOR

This Army captain, a Filipino, was awarded the Distinguished Service Cross and Oak Leaf Cluster. On Dec. 10, in the face of heavy fire from strong air forces, he led his flight of three pursuit planes into action against attacking enemy planes. By his example of courage and leadership and at great personal hazard, he was enabled to rout the attacking enemy planes. On Dec. 12 this officer, again at great risk beyond the call of duty, led his flight of six pursuit planes against 54 enemy bombers, causing damage to their formation.



JOSEPH McELROY

This Army private, first class, aged 23, was awarded the Distinguished Service Cross. While on duty at an airfield near Mamla in December, he displayed unusual heroism. His station sustained a heavy attack by Japanese planes. Instead of running for shelter during this raid, McElroy ran to his grounded plane and using the gun mounted on it shot down one enemy plane in flames. Staying at his gun, he forced two other Japanese planes to withdraw, both emitting dense trails of smoke as they fled. Private McElroy lives in Philadelphia, Pa.



SAMUEL MARETT

This Army first lieutenant, aged 26, was posthumously awarded the Distinguished Service Cross. On Dec. 10 he led his squadron with inferior armament in an attack on the enemy's transports. He and his comrades strafed the invaders, causing great destruction among the troops and setting two transports afire. In a final dive against a third, his plane was caught in the blast of the exploding ship and with the intrepid pilot was destroyed. He is survived by his widow, of New Braunfels, Texas,



MARSHALL ANDERSON

This Army first heutenant, aged 28, was awarded the Distinguished Service Cross. On Jan. 17, heading his pursuit group, he attacked a superior force of dive bombers, shooting down one plane. He then led an attack on a bomber formation, forcing the planes to flee Decorated by General MacArthur, he later shot down another plane, bailing out of his disabled aircraft. While hanging help-lessly in the air he was shot to death by Japanese pilots. He is survived by his mother, of Oklahoma City, Okla.









at present living in Wilmington, Del.

THOMAS TRAPNELL

GEORGE WELCH

This Army second licutenant, aged

23, was awarded the Distinguished

Service Cross. On Dec. 7, during the

enemy attack on the island of Oahu,

he took off to attack enemy planes.

Accompanied by Lieutenant Ken-

beth Toylor's plane, be attacked an

enemy formation of six planes. This

pilot shot down two of the formation.

A short time later, alone, he engaged

two enemy planes and shot them

both to the ground. This officer thus

destroyed four enemy planes in the

air during the attack. His family is

This Army major, aged 39, was awarded the Distinguished Service Cross. In Luson, on Dec. 22, while engaged in rear-guard operations, he remained between the hostile force and his own troops and set fire to a truck on a bridge. He waited under enemy fire until the bridge was in flames before leaving the scene, He then retired slowly with the last elements of his unit. With complete disregard for his own safety, he delayed the advance of the enemy and inspired his whole regiment. His wife is at present living in Newport, R. L.



WILLIAM KABLER

This Navy lieutenant commander, aged 33, was awarded the Navy Cross, On Jan, 4 this officer was in command of the senplane tender U.S.S. Heron. His ship was attacked by ten of the enemy's patrol bombers and five of its land bombers. This officer displayed marked coolness and skill while under enemy attack. He shot down one patrol bomber and seriously damaged another By maneuvering, he suffered but one hit and brought the Hems safely into port. His wife and daughter are at present living in San Francisco, Cal.



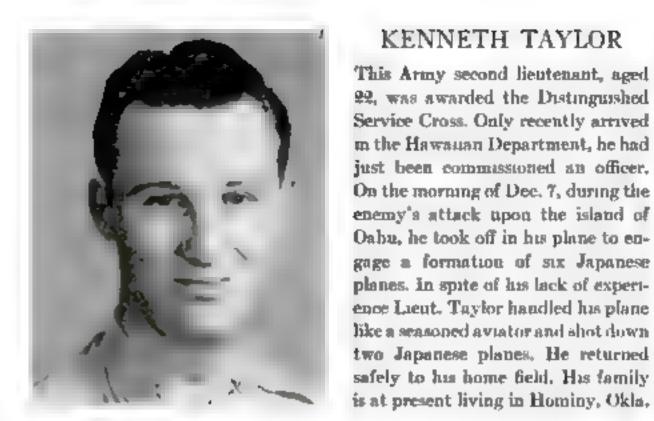
ANTHONY DANIS

This Navy lieutenant commander, aged 43, was awarded the Navy Cross. While commanding officer of the U.S. destroyer Kearny, his vessel was attacked by a submarine in North Atlantic waters. Despite the deafening noise of the explosion and the screeching of the siren, damaged in attack, he maintained order and disciphne in accordance with highest traditions of the Navy. He then safely brought his damaged vessel into port. Though omitting any mention of his own important role in his official report, his beroism was apparent.



ROBERT ESSLINGER

This Navy lieutenant, aged 33, was awarded the Navy Cross. He was serving as engineer officer of the destroyer Acarny when that ressel was attacked by a submarine in North Atlantic waters on Oct. 17. He displayed extraordinary beroism to keepmg the engineering plant in operation under most difficult circumstances and with total disregard for his personal safety after his vessel was torpedoed. His bearing served as an example to the men of his command. His family lives in Ypsikanti, Mich.



HARLEY COPE

This Navy commander, aged 44, was awarded the Navy Cross. On Oct. 30, while commanding the tanker U.S.S. Salmas, his vessel was attacked by a submarine in North Atlantic waters, On this occasion Commander Cope displayed extraordinary heroism in handling his ship and crew and also in bringing his slup safely to port under most difficult circumstances after it had sustained severe dumage in the attack. His deportment was an inspiration to the junior officers of his ship. Commander Cope's family is at present living in New Orleans, La.

KENNETH TAYLOR



ASHTON SMITH

This Navy lieutenant commander, aged 51, was awarded the Navy Cross. He was serving as executive officer of the tanker U. S. S. Sahnas when that vessel sustained a submarine attack on Oct. 80 in North Atlantic waters. He displayed extraordinary heroism in controlling dinnage after the first torpedo struck the ship and, after being injured by the explosion of the second torpedo, in giving the necessary orders to the crew of that ship to keep her affout and at the same time open fire on the submarine. His home is in Charleston, S. C.



FRANK FISLER

This Navy ensign, aged 25, was awarded the Navy Cross. In December he was in command of a patrol plane operating off island of Oahu. On patrol he sighted eight Army airmen adrift in a collapsible rubber boat of the type carried in pairol bombers. Displaying great skill and at extreme personal risk, this officer brought his plane down in seas which were running 40-ft. high. He effected a rescue and returned to Pearl Harbor. This heroic deed was an inspiration to every officer in the Hawatian area. His wife lives in Norfolk, Va.

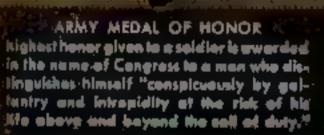


LEONARD WAGONER

This Navy aviation machinist's mate, first class, was awarded the Navy Cross. He was a member of the crew of a patrol plane operating off the Hawanan Islands. After aighting eight Army airmen adrift in a rubber boat, Machinist's Mate Wagoner assisted his commanding officer in bringing the plane down in heavy seas to effeet a rescue. At no time having regard for his own safety, heably assisted his commanding officer in rescuing the men and in returning safely to his base. His wife is living in Norfolk, Va.









ARMY DISTINGUISHED SERVICE CROSS second most important modul given to U.S. soldiers is awarded by the President in time of war for extraordinary liamien in annesting with military operations against an armed enemy of the United States.



ARMY DISTINGUISHED SERVICE MEDAL next in precedence is awarded for "excoptionally meritarious service to the Government in a duty of grout responsibility" in time of war in connection with milltury operations against an armed enemy.



ARMY SILVER STAR
is eworded to deserving soldlers of the
U. S. Army in time of wor for gallentry
in ection in situations not worranting the
award of althor the Army Model of Honor
or the Army Distinguished Service Creek



NAVY MEDAL OF HONOR highest henor given to Navy men is awarded by Congress to a man who distinguishes himself "conspicuously by galantry and intropidity of the risk of his life above and beyond the call of duty."



NAVY DISTINGUISHED SERVICE MEDAL second most important medal given to men of U. S. Navy is awarded for "exceptionally meritorious service to the Government in a duty of great responsibility" in time of war while in naval service.



next in precedence in the Mary is awardad to mee in time of war for extraorditary beroise or distinguished service natbeing sufficient to justify the Madel of Honor or the Distinguished Service Madel.



DISTINGUISHED FLYING CROSS kighest eviction honor ever given is awarded to elimen of the Army or the Nevy who have distinguished themselves for "heroism or extreordinery achieve-ment while participating in serial flight,"



AMERICA'S BATTLE FLAGS

They are made by the Army's Quartermaster Corps

To the layman, an army without banners would be as strange as one without guns. To the soldier, flags are symbols of his country and act as important identification of military units, command posts and staff headquarters. All of them—from the \$400 silk-and-gold embroidered standard of the President to the \$3.85 cotton storm flag flown during inclement weather—are made at the Army's Philadelphia Quartermaster Depot.

Here, in a sprawling 90-acre plant that is responsible for every American soldier's bedding and clothing, 250 people work busily making flags for an expanding Army (opposite page). These workers—most of them women inspect cloth, stamp stars, slice red and white cloth into stripes, sew and trim the finished flags. The department also makes peaked cavalry guidons, car markers and company flags which are the Army's directory board. But its greatest pride are the intricate, handmade silken standards, resplendent with embroidery and gold and silver bullion, which are made for each regiment, the Secretary of War and the President of the United States



Stripes are cut, 60 at a time, by automatic shears which buzz through the pile like a hot knife through butter. Cloth has been carefully inspected for colorfastness and strength.



While stars are stamped out by a machine which makes 10,000 a day. Stripes and stars must be sewn, flag tranmed and hemmed and metal eyes attached before it is ready for service.



Marking the field is important so that every star is evenly spaced. The woman below is sowing finished star on one side, unfinished on the other. Unfinished is than trimmed by hand.



SKEEZIX IS 21

Skeezix Wallet, the most famous foundling in America, will be 21 years old on Feb 14 To indiconsof Americans, the birthday of this comicstrip boy is just as real an event as the birthday of a boy who lives down the road. Left on the doorstep of Walter Weatherby Wallet, a character in a cartoon called Gasoline Alley, Skeezix violated all comic-strip tradition by growing up. He learned to walk and talk, went to school, got into trouble, fell in love, got a job. Contempo-

raries like Orphan Annie and Chester Gump are no older today than they were 20 years ago. But Skeezix has become an earnest and likable lad with a job in a defense plant.

Frank O. King (right), who draws Skeezix for the Chicago Tribune-New York News Synd-eateand 160 newspapers, gets more than \$1,000 a week. He earns it more than most conce artists do, for the story of Skeezix is an honest, warming story of how a plant American kid grows up.

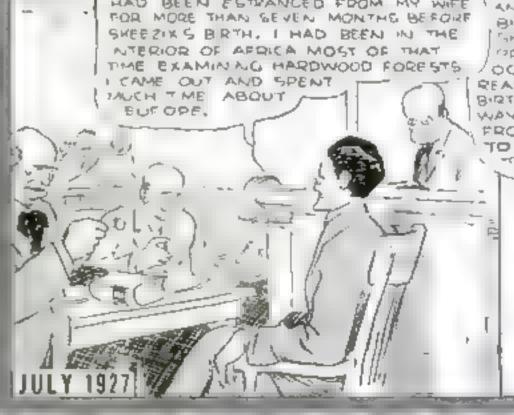


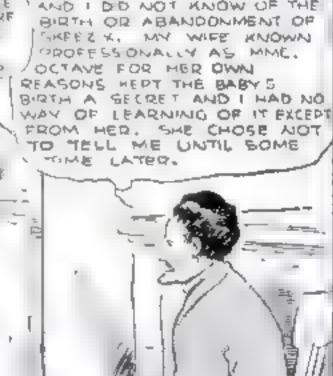
FRANK O. KING



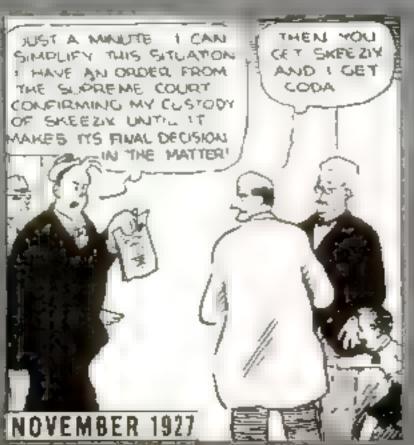
















Curiosity cuts a shoe!



Why REB GODSE und
FRIEDMAN-SHELBY Days' and
Birls' Shook Are All LEATHER
In Vital Parts*

AEATHER, because of its materal
fiber, affords greater resistance to
both wear and weather
leather counters provide a more
materal form for the foot . . . retain
original shape longer.
LEATHER intoles conform materally

teather insoles conform manufactured and more properly to contours of the feet... a comfort featured the feet... a comfort featured the feet... a comfort featured in with the feet... a comfort featured in with the feet of the feet of

RED GOOSE DIVISION
International Shee Company
St. Louis, Mo.

CURIOSITY once killed a cat—and see what happens when it cuts a shoe!

Imagine that curiosity prompted you to find out what a boy's or girl's shoe is really made of. You might place it on a butcher's block. One swoop of the cleaver and it is severed! What would you find?

The answer lies in the kind of shoe you cut. In a Red Goose or Friedman-Shelby boy's or girl's shoe, you would find ALL LEATHER in the vital hidden parts.* Not a trace of paper or fiberboard in the counters, insoles, and heel bases!

Then you would know why Red Goose and Friedman-Shelby shoes for boys and girls stand up

better, hold their shape longer, and keep their good looks longer! Leather always does! That is why the manufacturer of these popular shoes guarantees without reservation that ALL LEATHER—not paper or fiberboard—is used in the counters, insoles, and beel bases, as well as in parts you can see!

Before you buy, look for the Red Goose or Friedman-Shelby trade-mark on boys' and girls' shoes. It is your assurance of sensible, "grown-up" styles that appeal to boys and girls . . . yet cost no more. And it is your guarantee of the added economies which ALL LEATHER in vital parts* effects through assured comfort, lasting fit, and longer wear.

RED GOOSE SHOES

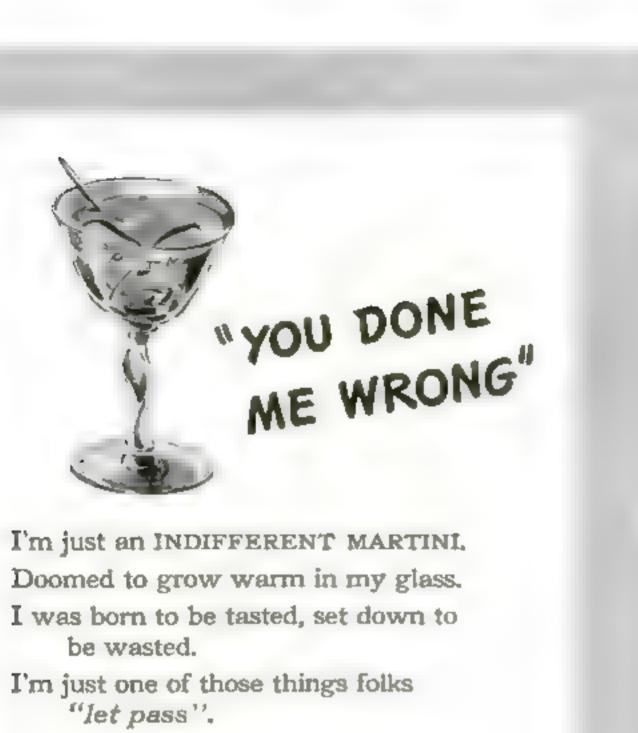
WALF THE FUN SHELDY SHOES ALL LEATHER IN VITAL PARTS &

FRIEDMAN-SHELBY SHOES

*Counters, Insolas, Heel Bases dre Not Paper or Fiberboard

FOR BOYS AND GIRLS OF ALL AGES

SKEEZIX (continued)



I'm just an INDIFFERENT MARTINI.
I'm harder to take than you think.
And minus the flavor that wins social favor—

I'm unfit to sip or to drink.

I'm just an INDIFFERENT MARTINI.
I'm a source of despair and chagrin.
You're "all wet" people cry, "and you ought to be dry"

And your folks ought to try GILBEY'S GIN.



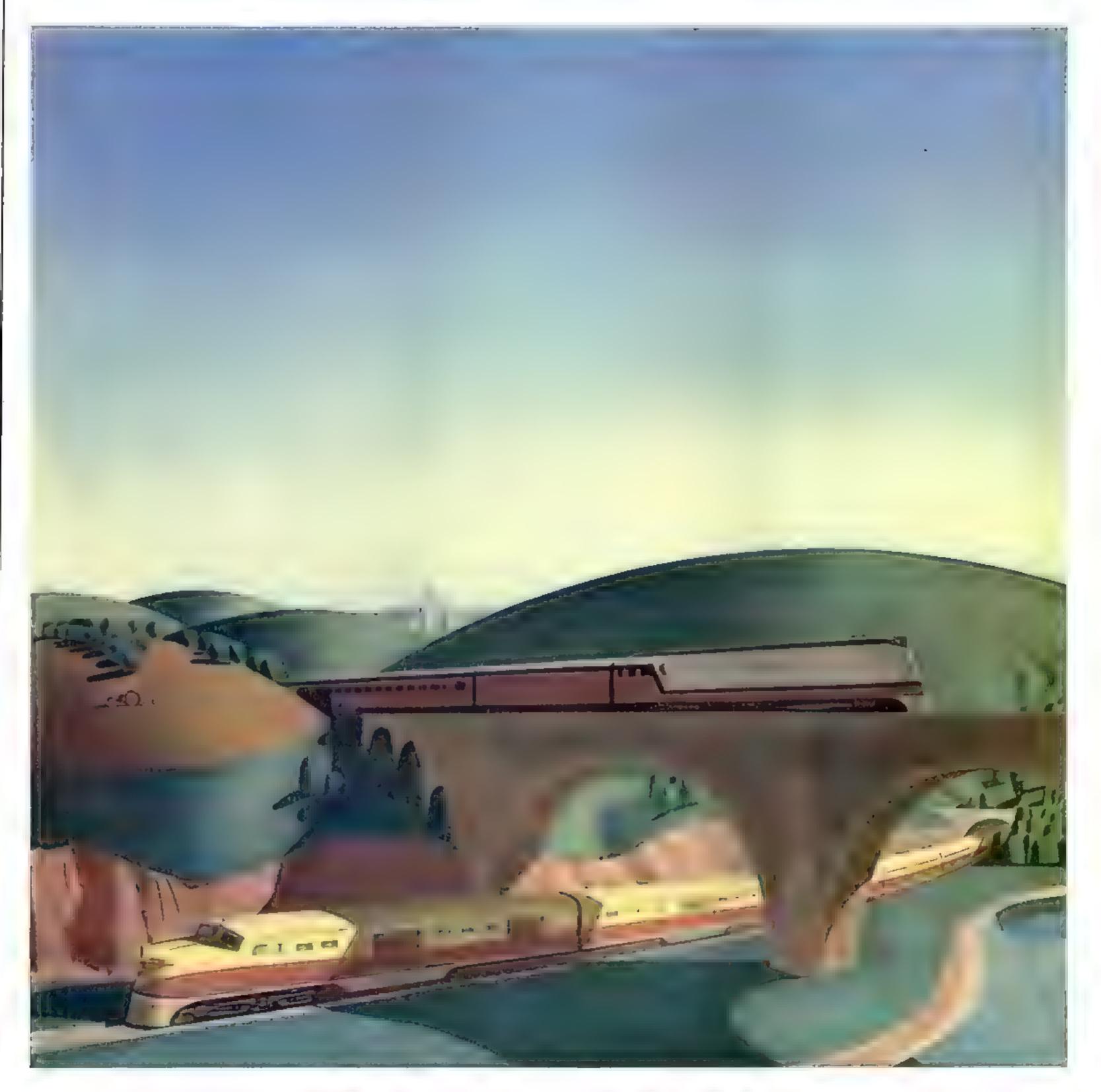
THE "INTERNATIONAL GIN" DISTILLED BY GILBEY IN THE UNITED STATES

AS WELL AS IN ENGLAND, AUSTRALIA, AND CANADA

National Distillars Products Corporation, N. Y. C.—90 Proof — Distilled from 100% grate — spirits.

AW, SKEEZIX GEE, BRICK, I GIVE US A WAS SURE I WAS BREAK YOU KIDS STAY GOIN' TO HAVE BACK IM TELLIN' A PACKAGE FROM HOME TODAY. FEBRUARY 1935 ABANDONED I'M GLAD THEY'RE ABSOLUTELY: IN YOUR LONG IT WAS CAR PANTS RIGHT ON THE SEAT ETS ANGTHER FOUNDLING LIUDY), SKEEZIS WEART FIRST LONG PART LISTEN. I'M GOIN' I LANDED MY JOB, UNCLE WALT-HOUR, GIVE YOU AFTER SCHOOL AND A LIFT HOME? SATURDAYS. YOURE A YOUNG YOUNG MAN. KNOW IT'S ILLEGAL TO DRIVE A CAR ALONE BEFORE FIFTEEN, COIN' ON KEEZIN SIFFERS HIS FIRST AUTO TICKET AND AT IS, HIS FIRST SHAVE

CONTINUED ON PAGE AT



Two Trains of Thought

Are you the one person in a hundred who can point out which locomotive in this picture is the Diesel-Liner, which is the Steam-Liner? Good.* But, are you the one person in a thousand who knows which form of power the railroads need to meet the staggering transportation demands of wartime? The fact is the railroads

need both. To meet certain conditions, a Diesel-Liner is better. Under other circumstances, a Steam-Liner is the right answer. That's why we build both. Whichever we build, Diesel-Liner or Steam-Liner, it will do the job it was designed to do. And it will be one of the world's finest, most modern locomotives.

*The lower train is pulled by a Diesel-Liner, the upper by a Steam-Liner.

AMERICAN LOCOMOTIVE

DIESEL . STERM . ELECTRIC

Now in full, wartime production of tanks, gun carriages, turret parts, marine Diesels, Garand rifle parts and many other items of Army and Navy ordnance.

LITTLE THINGS OF GREAT IMPORT



This ancient device, the Thistle of Scotland, stands for a proud people, as the Back Label of John ne Walker proudly stands for a mellow 12 year-old Scotch whisky.



A Chinese symbol of long life. It has a Western counterpart in the figure of Johnnie Walker, "born 1820 . . . still going strong."



The hon from the coat of arms of a British monarch, found on every bottle of Johnnie Wasker.



A label of special support! Fae sign of tee rarest of fine Scotches, the treasure of Scotland-Johnnie Walker Biack Label.

JOHNNIE WALKER

BLACK LABEL BLENDED SCOICH WHISKY



12 years

old

SKEEZIX (continued)





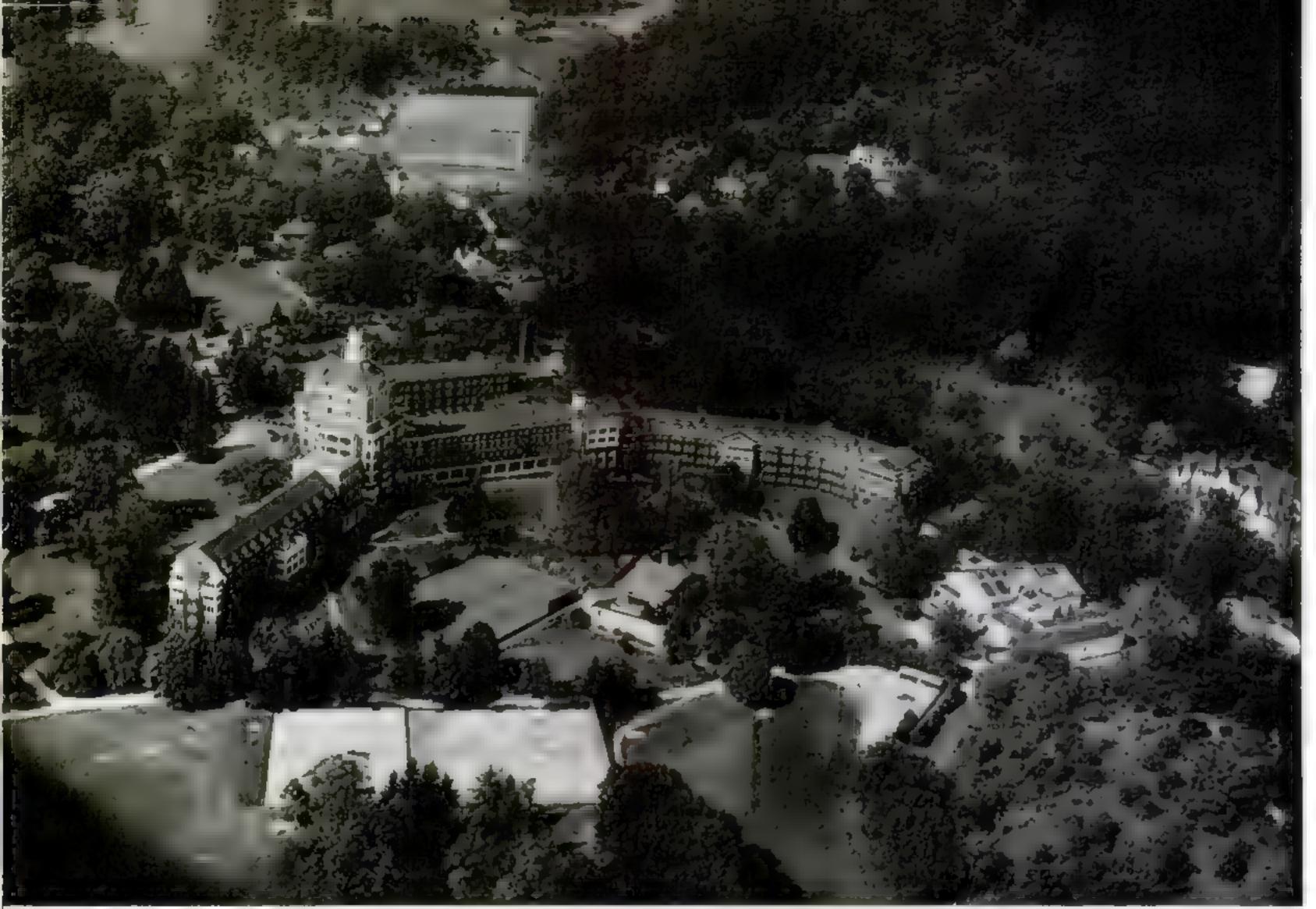


OUTDOORS—Use Kodak Verichrome Film for outdoor snaps this winter. Makes the average camera a better camera—helps overcome small exposure errors, extends the "snapshot day," lets you get swell snapseven if the weather isn't just right.

INDOORS AT NIGHT—Superfast Kodak Super-XX Film gives outdoor results indoors. Use with Photoflood bulbs, cardboard reflectors. HELPFUL BOOKLET AT YOUR DEALER'S. Also covers flash pictures. Eastman Kodak Co., Rochester, N.Y.

Outdoors ... Indoors ... you can always count on

KODAK FILM



THE HOMESTEAD

A GREAT HOTEL ENTERTAINS JAP DIPLOMATS AS PATRIOTIC DUTY

Car from the foxholes of Batas or the frem hastrests of Tokyo are the peaceful, us ting series on this pages. Here inclustreet luxury a little group of Japaarese has been spending the winter at the expense of to U.S. Conserment thorastimated till in mithan \$2,000 a day. They include Japan's "Peace Fuvos." Salaro K. r. s. wooder-faced An bassador Noncira, mortary and mayal attaches and Island lesser officials. was a job of hoodwirking and spying in the U.S. ords. ed last Dec. 7. Soor has are selectioned to start a long, complicate impito Port, gress hast Africa, where Dicy will be exchanged for U.S. An bassador Joseph Grew and other Americans from Japan

The Hamistendart Hot Springs Val, where the Japs. are living is one of the true 'Grand Hotels of the world Forty in les away across the Viegnery Moontatis. German officials are being simplar vici tertained at the Orien ver, Weste Sel Jur Springs, W. Va. In-

RAILROAD LINE ENDS AT HOT SPRINGS. THERE IS ONE TRAI









AT 7:45 ON SUNDAY MORNINGS HOMESTEAD WAITERS MEET IN DINING ROOM TO PRAY, SING SPIRITUALS. BALD WAITER IN CENTER IS ORDAINED PREACHER. GUESTS MAY ATTEND

wartime it is a matter of high national honor to treat enemy diplomats with extreme consideration. It is also a practical necessity, at least while your own diplomats are in enemy hands.

Secretary of State Cordell Hull, technically host to the Japanese, has often visited the Homestead and used to play croquet on its wide green lawns. But last week he and the rest of the Homestead's regular chentele were absent. While the Homestead's full staff of 700 waiters, maids, bellboys, porters, chauffeurs, gardeners, chefs, butchers, bakers, laundresses, craftsmen, game wardens, masseurs and hostlers went about their tasks, the 250 Japanese had the 650-room hotel all to themselves. They are in the vast white-pillared dining hall (above). They strolled among the palms in the long lobby, where a big American flag was ordered removed by the Federal Bureau of Investigation. At night the Homestead gave them a free, full-length movie. They

bought out the Homestead's fashionable shops, awam in the pool, mostly stayed indoors. One baby was born and christened Spring.

The Homestead's staff treated the Japanese with scripulous hospitality. But Homestead President Fay Ingalis made it plain he regarded the episode as a necessary patriotic duty. To his regular patrons Ingalis sent a hopeful message: "By the time spring returns to our valley, all traces of slien visitation will be gone."

OBBY STROLLING, CHECKERS, BACKGAMMON AND KNITTING ARE AFTER-DINNER SPORTS



"Tough Take-offs are easy with COOL SHAVES!"



"I know many a fellow who takes up a crate with gusto, but takes up a razor with qualma. To such unhappy men I say, 'Bail out from shaves that sting and burn!' Drop into any druggist's for Ingram's cooling, soothing shaving cream.



"At the first touch of this different shaving cream you zoom to shaving satisfaction. A quick cloud of cooling lather covers your face in split seconds—helps condition your skin for shaving as it wilts your wiry whiskers.



"Contact! You shave with a freer hand—smoothly as a glide to a 3-point landing. And with minutes shaved off your usual shaving time, you're down to earth refreshed—ready for breakfast and business or dinner and dance.



"Yes, Ingram's de luxe lather is a facial refresher. It saves you the expense of lotions and tonics. For Ingram's leaves your face cool and smooth and younglooking, and it stays that way for hours. Get a tube or jar of cooling Ingram's concentrated for economy—today!"

INGRAM'S

The Homestead (continued)



Homestead kitchen, run by famed chef, François Dulom, is one of U.S. finest. Specialties include Virginia fried chicken, 250 different salads and flaky breakfast crossouts.



Headwaiter Paris EuDaly raps spoon to summon tardy waiter. He guides Homestead guests to their favorite tables, speaks German and French, reads Latin and Greek.



ROOM-SERVICE It's arrives on watter's bead, an old Homestead custom. Guests often bet hundreds of dollars on favorite watter in hotel's annual outdoor waiters' tray race.





half-lifetime, the old tree has guarded their names and held the secret of their shining, youthful happiness locked in its leafy heart. They have never returned. For their path stretched far beyond the farthest blue horizon glimpsed by the birds in its tip-top branches. But somewhere, in a city across the land, a woman looks into the brilliant stone on her ring finger and sees it all again — tree, birds, sun and youth and love. The engagement diamond becomes more precious

with each passing year. It should be bought for the future estate of each young couple—the most impressive stone they can arrange to get. Today such fine stones will cost, approximately, from \$350 to \$700 in carat size. Color, modern cutting, brilliance and clarity greatly affect prices. A trusted jeweler will be glad to advise the happy couple, frequently arranging extended payments to secure a worthy diamond. De Beers Consolidated Mines, Ltd., and Associated Companies.





doing their part for Nutrition Defense

AMERICA'S YOUTH NEEDN'T SUFFER FROM LACK OF BUTTER!

It takes 10 quarts of milk to make 1 pound of golden butter. That's concentrated food goodness!

Buttered Spinach

Cook 3 has washed appared, 10 to (5 mm., in tightly covered asscepan with an inch of bothing salted water (use ½ tap, salt to I cupwater) Drain season, and ½ cup melted batter. I up with butter Serves 6.

Mother, be thankful you are raising your child in America! For American children are the envy of the world—and the healthiest! Dairy

products have played an important part in their growth and development. And, today, their continued good health is being safeguarded by ever-increasing production of butter and other dairy products.

Why is butter so important? It gives your children Vitamin A the natural way, to help guard against colds and other infectious diseases. Butter encourages growth, is an abundant source of food energy.

Thank goodness, there's no need to deprive your children of all the delicious, healthful butter they should have.

There is no shortage of butter in America!

Helps solve child feeding Every mother knows that without butter the feeding of children would be a real problem. Vegetables, cooked and served with butter, take on new glamour... are eaten eagerly. And butter imparts a "quality" flavor even to the "economy" foods you serve... makes them more appealing to your family.

Butter can't be duplicated l

Scientists have never been able to dupheate the matchless food value and flavor of butter. The formula is still Nature's priceless secret. As a spread, cooking aid, or for flavoring—butter has no equal—no counterpart. That's why the generous use of butter adds to your reputation as a good cook and a gracious hostess.

Remember, it takes ten quarts of rich, whole milk to make one pound of golden

butter. That's concentrated food goodness! So make butter an important part of every meal . . . it's an investment in health!



This message is published in the interest of the health and well-being of the American people by the American Dairy Association...comprised of dairy farmers in the states of Illinois, Ioma, Kansas, Minnesota Montana, North Dakota, South Dakota, Washington, and Wisconsin.

Bread and Butter Pudding

Soak I cups bread cubes in I quart hot mak, to men Bent I eggs add Mc up augar. Mesp sell Surinmakerumb mixture, add Mc up raisins. Mc up hutter; Mesp, nutmeg. Hake a buttered dish over warm water 350° oven, 75 min Serves 6.

It's Better with Butter

The Homestead (continued)



Hard-drinking Japs can get their fill in Homestend Club, just off the lobby, Annual "dues are \$3 Extra-sweet Homestead juleps are made with symp instead of sugar.



Homestand sym, filled with queer machines invented by Sweden's Dr. Gustav Zander, was enjoyed by Jap children, who were bored by cold weather and FBI surveillance.



Homestead bootblack has hard time keeping up with Jap custom of dropping shoes outside bedroom door. Homestead also has its own silversmith, pheasant hatchery.

"BRIGHTEST IDEA IN HOLLYWOOD" says BARBARA STANWYCK



BARBARA STANWYCK, star of Samuel Goldwyn's "BALL OF FIRE" says: "CALOX TOOTH POWDER is a real beauty polish -that's why it's a smash hit in Hollywood."



"BETWEEN professional cleansings, a star has to rely on her dentifrice to keep her teeth as shining and bright as the comers requires, Calox does polish exquisitely—I think it's tops for daily care."



ALWAYS SOMETHING TO DO! Like yourself, stars have to crowd their personal care into as little time as possible. For quick, brilliant results. Calox Tooth Powder contains five cleansing and polishing agents!

Helps your teeth shine like the stars'



L CALOX CONTAINS 5 CLEANSING AND POUSHING AGENTS. That's why Calox is a real beauty tooth powder ... it promotes a brilhant gloss!

2. EXTRA SOFT AND SMOOTH because it's double-sifted. Contains no harsh abrasives.

1. FRESH-TASTING - no strong medical taste. Your whole family will like its clean, tangy flavor. Children love Calox.

MAKERS OF FINE BRUSS SINCE 1833



How old should a youngster be before he gets a Portable?

Most modern parents realize that there is no more valuable educational tool than a Portable Typewriter.

But you may wonder just what is the best age for a youngster to get his Portable. You will find the answer below.

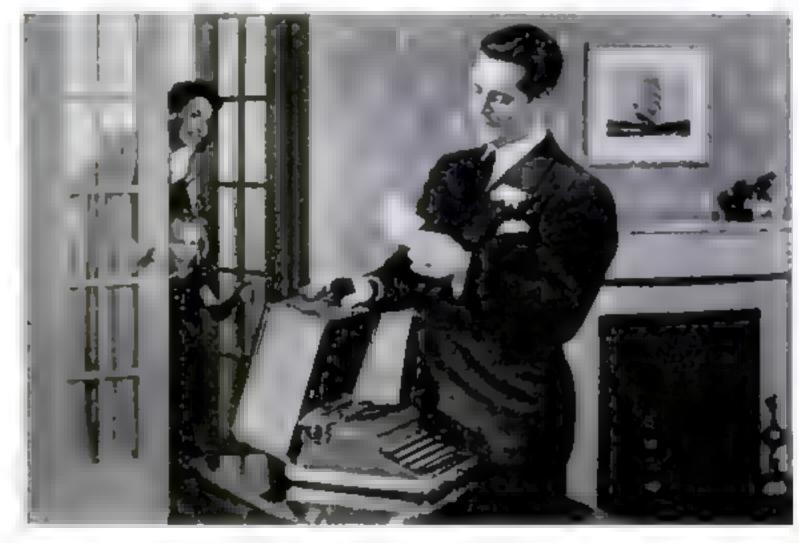


1. Should be be a high school freshman? Adolescence is the age when homework becomes drudgery and studies a bore. Whether your boy or girl will take this critical period in stride . . . start driving toward a worthwhile goal—may well hinge on whether he or she has a Portable. The greater speed and case of typing free a youngster's mind for thinking . . . give wings to hinden powers of imagination . . . make homework fund It's only a matter of hours for even a 10-year old to learn to type, with the ingenious "Self Teacher" included with every Royal Portable.





2. Should be be ready to start to work? Walter Lowen, noted employment counselor and author, has this to say: "In boom time or depression, the young man or woman who knows how to type is almost assured of a toe hold on the ladder to success—of getting the kind of job that leads to the top!" In almost every worth-while cailing—and in many a colorful, glamorous career profession—a knowledge of typing is invaluable. (Better get your boy a Royal—the Portable that most closely resembles a standard office machine—before he starts job hunting!)



3. Or should be be a youngster who's nearing forty? There's hardly anything Dad could get that he'd like more than one of these wonderful Royal Portables in its smart, leather-bound, sirplane luggage case! It has most of those famous features which have made the full-sized Royal the World's Number 1 Typewriter. Dad will find it immensely helpful in his personal business and on trips. Mother, too, in her club work and correspondence.

Why is this the Pertable for all ages? Thus is a Royal Portable. It's the make which is almost a regular office typewriter—in touch, operation, features, performance... nearly everything but aise! Consider these "big-machine" features.



Greatest typing time-saver in years!

MAGIC* Margin . . . no more fussing with mechanism to change and set the margin. Just flick the handy lever click . . . and it's set! Only Royal has MAGIC Margin!

Segment Shift—Less noise . . . less eyestram when you shift. The carriage doesn't clatter and pop up!

"Big-machine" Keyboard—One reason typing teachers recommend the Royal for home use it has a keyboard just like that on a standard office machine.

Touch Control* Samply move this lever to adjust key tension exactly to your truch. This is one reason why Cortex Peters won the World's Typing Championship on a Royal!

No Type-bar Blur! Type bars flash unseen on a Royal. This and the over-oil "no glare" finish of the machine mean less eyestrain.

Automobile-type Shock Absorbers—Rubber-cushion feet and per-proof construction give the Royal Portable the sturdy, "weighty" touch of the full-used mach ne.

Exclusive "Self Teacher" included! An ingenious typing chart and new book containing complete self-instruction practice lessons with every Royal!

For just about \$1 a week, you can own a Royal Portable!
Your local dealer is authorized to sell you any Royal
on an easy-payment plan which includes the small
carrying charge.

ROYAL PORTABLE

THE STANDARD TYPEWRITER IN PORTABLE SIZE



THE ENGINEERS

The Capta is says near the's rusty And I don't know but what he stright, If he'd respect my piece and shovel, He'd always find them showing bright

This is the anthem of the Engineers. And though its phrases resound wherever the Corps of Engineers operates—and that is wherever the Army is—the Corps will reachly admit it does them less than justice. In the first place their rifles are never rusty. In the second place World War II is a war of machines. Hence the Engineers, while still virtuosos of the pick and shovel, have become equally protected with such modern battle tools as the earth borer, dump truck, air compressor, buildozer and pneumatic drill

Both by tradition and function Engineers are the modern army's clite. George Washington organized the Corps in 1776 to build his redoubts earthworks and artiflery towers. The U.S. Military Academy at West Point was created originally as a training school for engineers. Though its entriculant has expanded, West Point still sends top-ranking cadets to the Corps. Lee, Meade, McClellan, Joe Johnston, Beauregard and Goethals were all engineers as is Douglas MacArthur Today Fort Belvoir. Va. and Fort Leonard Wood, Mo. are feeding the Corps talented new officers, specialists and plain pick-and-shovel artists in ever-increasing numbers.

Of all Army units the Engineers are perhaps best known to the peacetime populace. For in addition to their concern with military establishments, they obtrude often on the civilian consciousness through such matters as flood control, harbor improvement, public works. Army engineers built the Washington Monument, the Capitol and the Library of Congress. But it is in war that the Corps now commanded by Major General Eugent Reybold, flowers into the Army's most resourceful, versatile and valued property

If there is a tough, dirty job to be done in any combat operation, the Engineers will do it. They are

at the head of every attacking force—crossing unfordable rivers in assault boats, establishing bridgeheads, reducing bunders, pillboxes and road blocks, building pointon bridges and gun emplacements un-

der enemy fire. And they are at the rear of every retreating army faying immes demolishing communications seeking by every deadly means to retard the advancing for When, as happens, they are overtaken, they pick up their guas and fight. They are proud of the skills and hazards of their calling For they know that without the Engineers, no modern army could roll



GENERAL REYBOLD



DEMOLITION IS PRIME MISSION OF ENGINEERS

The explosive is the intrinsic raw material of modern war. All military may all and aerial factics, all implements and weapons of combat from the battleship to the jeep, derive their character from an accident seven centuries ago, when a curious friar named Roger Bacon first mixed though together and had them explode. Victory in modern warfare mey itably rewards the army whose uses its explosives best. And in every modern army to much a lengest masters of high explosive technology are the engineers.

There is infinite variety in the scope and employment of the engineers' demolition function. Where artillerymen, bombardiers and naval goinners direct their explosive shells by trigonometry, the engineers like true artists perform their noisy work by hand. They must know precisely where in a house a dam or a bridge to place the charge that will blow it sky high Hazardously, mader tree. They must creep across exposed places to demolish tack traps or reduce pall sixes far in advance of their own armored forces. They





must larger long after their own forces have fallen back to lay land mines and, with unburried care, to plant ingenious "booby traps" under doorsills, in kitchens, in bathrooms and wherever the enemy's engineers are least likely to seek them out. It is also their task by demolition to help secure the exposed ranks of an advancing force,

Demolition is supremely difficult and supremely essential work. Profound skill is required to blow up a stoutly reinforced concrete bridge. Yet on its proper

destruction the fate of an army or a nation may depend. The Nazi campaign through the Netherlands, Belgium and France was speeded immeasurably by the madequate demolition work of Albed engineers. Conversely Russia's engineers, perhaps the world's greatest explosive experts, have destroyed their own works with ruthless efficiency, and in laying mine fields and booby traps have exhibited consummate coining. It may be assumed that General MacArther's success in withdrawing his armies intact from the long shores

of Luzon to the tight bills of the Bataan Peninsula derives in part from the competence of his rear guard engineers.

Now as never before the U.S. Corps of Engineers is studying and developing new fast methods of explosive demolition. At scores of replacement centers throughout the land young novitiate engineers are daily applying themselves to this spectacular work. You see here the smoky unfolding of their role as destroyers. For the engineers in their constructive capacity, turn the page.





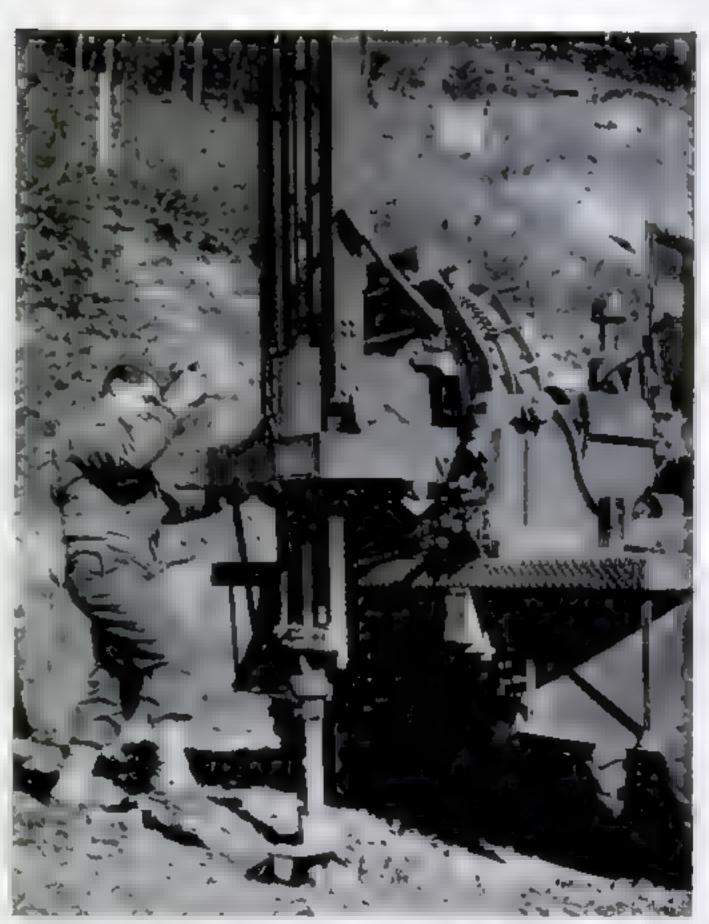
WATERPROOFED CHARGE is regard with sus. Inted wring for a dam demol tion job. When preparations the completed engineers will lower the explosive deep taider water into a hole in the sand. Destruction of dams in, y deprive enemy forces of drinking water or impede their advance by flooding lowlands.



LOGWALL TRAP james a beg M3 medium tank in test operation at Fort Belvoir. Concomitant functions of engineers are to build tank traps for their own protection and destroy those of enemy. Below, engineers prepare a temporary underground hospitas in Hawan. The Corps is new, a charge of all Army construction.



ENGINEERS' IMPLEMENTS

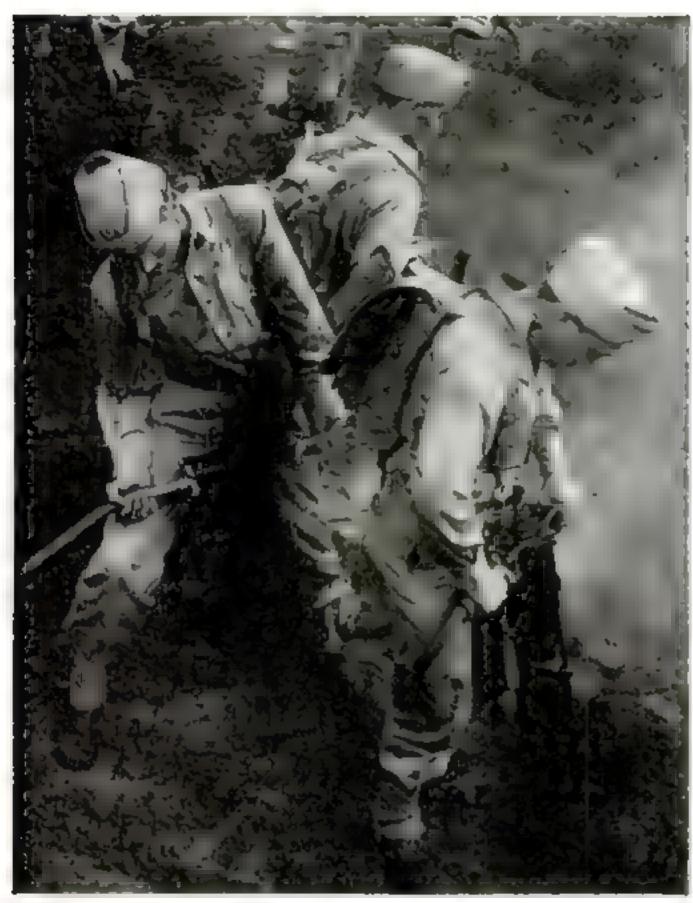


HUGE EARTH AUBER, standard equipment of every combation t, digs a hole at rate of our foot and mute lengtheers use them in cours rule at work or tax above to drall obesfor explosives. Charges must be several feet up at the surface to wreek road.



WATER PURIFIERS, operated by engineers, accompany all troops in theater of wat Every army has tune mobile units, each of which purifies 70 gall of water a minute. Providing pure drinking water for the Army is one of the Corps, most vital functions.

ARE MANY AND COMPLEX



COMPRESSED-AIR HAMMERS are used to pack earth in crater of bombed airfield. After fill has been tumped, a final layer of sundlings is put down to reinforce surface against big planes. Clean-up jobs after enemy attack always fall to Engineers.



RAILWAY OPERATING ENGINEERS at Camp Claiborne, La build a single-track road between Claiborne and Camp Polk, 68 miles away. Engineers not only build new spurs and repair wrecked lines, but operate trains between front and base.



A MULTIPLEX MACHINE adds third dimension to aerial photographs, enabling engineers to locate contour lines. Map copies are distributed by thousands to all Army units. During 1941 maneuvers the Engineers, who do all the Army's mapping, produced 200 tons of maps covering some 40,000 square miles.



DUMMY HOUSE is reared by camouflage engineers on air base to deceive enemy spotters. Below: combat engineers take infantry across an unfordable river in light wooden assault hoats. While infantry-men fight to seuce and establish a bridgehead, engineers will construct a ponton bridge for heavy forces.







RUBBER PONTON IS FILLED with our from compressor truck. To prevent sinking when punctured by gunfire or shell splinters, each ponton is compartmented into ten sections.



FULLY INFLATED IN EIGHT MINUTED by a special mamfold with four nosales, ponton is floated by hip-booted engineers. Its 600 lb, is easily carried by crew of eleven.

U. S. ENGINEERS ARE WORLD'S BEST BRIDGEBUILDERS

A river crossing has always been among the most difficult of military operations. Today, thanks to its crack Corps of Engineers, the U. S. Army boasts the best bridgebuilding technique in the world. The excellent ponton span shown here was devised a few mouths ago by engineer officers stationed at Fort Knox. Ky. It is an outstanding U. S. invention of World War II.

Ponton bridges were employed by American troops

during both the Mexican and Civil wars. As early as 1834, U. S. engineers endeavored to develop inflatable rubber spans on the very river shown in these pictures. But because the technology of rubber was then in its infancy, those early experiments achieved small success. Today bridges adequate for armored forces are still supported for the most part by bulky scow-like aluminum pontons, cumbersome to transport, difficult to conceal and expensive to lose.

Designed specifically for armored units, the engineers' new rubber ponton bridge has great load-bearing capacity, can be constructed quickly and concealed easily in transit. Its few simple parts can be carried compactly in a convoy of ordinary trucks—50 ft. to a vehicle. On these pages you see a test bridging of the \$15-ft. Chattahoochee River at Fort Benning, Ga. It took the Engineers just over two hours from start (upper left) to completion (opposite).



STEELTREADWAY IS LIFTED into place. Underneath it, to distribute weight of treadway over float, sugmeers have installed a steel frame and plywood saddle. Note handy crane.



THE BRIDGE TAKES SHAPE as two more pontons are propelled to midstream by an outboard motor (left corner). Low-riding pontons make elaborate approach unnecessary.





AMERICA'S WAR AMERICA'S PEACE

by HENRY R. LUCE, Editor of LIFE

an impartial reporter could truthfully say that in the two months since Pearl Harbor, the American people have behaved well. They did not panic. They put aside past differences and united. They enlisted by the tens of thousands in the Army, the Navy, Air Force and Marine Corps. And by hundreds of thousands in civilian defense. They instantly approved colossal expenditures on top of expenditures already colossal. They greeted the extension of draft ages and begged for reclassification nearer the top of the list.

Eager for action, the American people have also been patient. Patiently they took bad news-and, what was harder, they took censorship and the concealment of news. A vast army was transported across their continent and they kept the secret. Expeditionary forces went forth in a dozen directions and they kept the secret. The Prime Minister of Great Britain, having received their ovation, tarried among them for a week, and they kept the secret.

But they were not supine. They were also insistent. They got a drastic reorganization of Production and a little improvement in Civilian Defense; they got a board of inquiry into Pearl Harbor, various changes in the high command and better assurances of industrial peace.

The American people were patient, co-operative, insistent. And they were also responsive. They responded to heroism-to Wake Island, to Captain Kelly and to the incomparable MacArthur. From the bottom of their hearts they gave thanks that many men had instantly and gallantly proved that this was still the home of the brave.

All this and much more would seem to be the first chapter of a great nation's sure-footed march to war and to victory

And yet, as the leaves of the calendar dropped from Dec. 7 to Feb. 7, there was increasing concern. Concern about what? No one could quite put his finger on it. Were observers worried because the American people were not worrying enough? That was one way of putting it—but it didn't seem very sensible. What good is there in excessive worry? Not much.

The President of the United States, one of the most remarkable men in history, was reported to be in fine health and spirits, bright and cheerful He gave every evidence of confident and courageous leadership. He had had for his house guest Winston Churchill, the man-who-couldn't-bescared, the greatest symbol since Drake of the triumph of sheer courage Together these two historic representatives of heretofore unbeatable nations had drawn up their plans for victory. They did not reveal their strategy not did their people want them to. It was inspiring enough that they formed a galaxy of 26 United Nations. It was enough that they clearly envisioned victory-even its probable date, 1943 or 1944. And the people understoodand accepted—the basic requirements. There would be blood—which few Americans had ever seen spilled, even in a bull ring. There would be sweatstill well regarded in America. And there would also be airplanes-185,000 of them, many of them huge four-engine monsters, huger and more deadly than anything yet seen. There would, that is, be victory. There was the will and there were the evident means.

Why worry? Why not just work—and fight?







The Commoveette of Australia

The Hongdon of Belgerin

Canada Co Saistini ha atantha

the grand Durky of Greinbourge LUXEMBDURG: HUGUES LE GALLAIS

AUSTRALIA: MINISTER RICHARD Q. CASEY

BELGIUM, COUNT ROBERT W. 4. STRAYEN

CANADA: MINISTER LEIGHTON McCARTHY







by V. S. Hubur

The Republic of Et Sarvaror The langton of free of

CZECHOŚLOVAKIA: MINISTER V. S. HURBAN

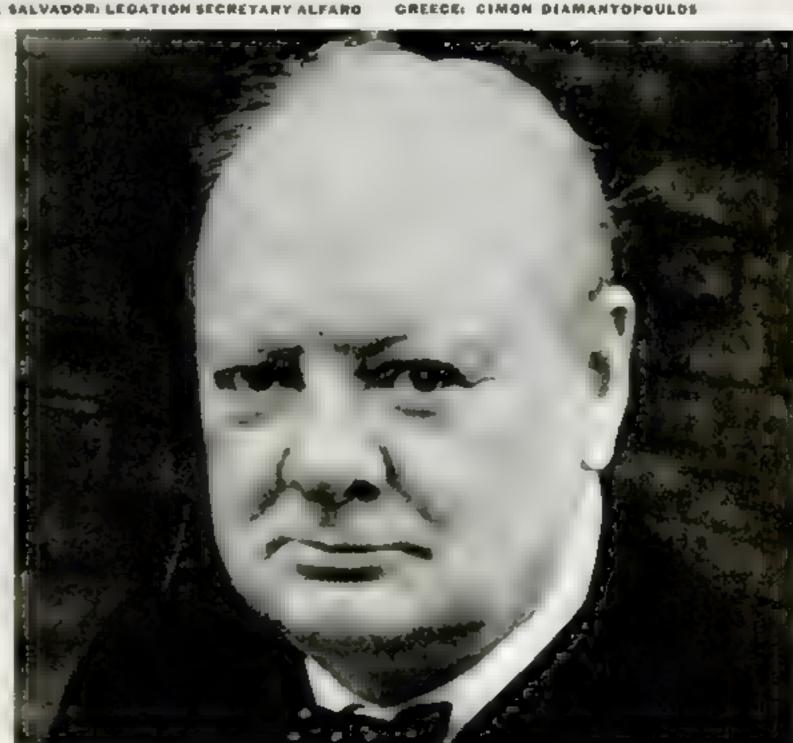
DOMINICAN REPUBLIC: JESUS M. TRONCOSO

Yet it is a plain fact that the mind of the American people is not wholly clear about this war. This article, for what it is worth, is intended not to "worry" its readers but rather to aid in the process of clarification. It will try to set forth how and why the task before the American people is far, far greater than they think it is, more difficult, more dangerous and more worthwhile.

Let us begin by examining two commonplace phrases. Phrase One: "This is all one war." Phrase Two: "We must win the war and we must also win the peace." Both of these phrases contain essential truth, both of them can stretch our minds and imaginations to cover the vast boundaries of this war-vast in time as well as in space. But these phrases need to be carefully understood.

Is this all one war? Yes and no. It is one war—and it is many wars First of all, chronologically, it is a war between China and Japan. And that's a good war to think of first, because both the Chinese and the Japanese were the first to realize—way back in 1931 that their war was going to get involved with a world war. The Japanese expected to conquer China before the white man's war began. Conquerors of the Asiatic mainland, the Japs figured they would take whatever else they wanted when the white man's war began. The Chinese figured the other wav—that if only they could hold out long enough against whatever fearful odds, they would find America some day on their side.

Japan took Manchuria in 1931. That was all she dared to do then, against the opinion of the entire world. But getting away with that proved to Japan that the League of Nations and, in general, the white man's arrangements for keeping the law-and relative peace in the world were no good and were bound to break down. So Japan withdrew from the League and bided her time. By 1937, things had got very bad in Lutope and America was largely occupied with her own troubles or, at any rate, what Americans thought were troubles. Japan unloosed her big and final attack



The blanked Viring Down of Greats Brotherin by trues had. Chumbile

CHURCHILL, IN U. S. TO DISCUSS JOINT WAR PLANS, SIGNED FOR GREAT BRITAIN



AMERICA'S WAR (continued)

on China. It fatled. But before it had completely failed, the world war was on—and Japan had one more chance to win with Axis help what she had expected to win without it. And with Axis help she might win even more—for she might knock America out of the Pacific. Thus did the Chinese-Japanese war become part of the one big war.

But there were and are many other wars. There was a kind of civil war throughout Europe between what Europeans call the Right and the Left. This civil war was fought in Spain in blood -buckets of it—and it was fought elsewhere (on both sides) by propaganda, politics, intrigue, bribery, blackmail and all the things which are dirrier than most Americans have any knowledge of. This European civil war is the war which Hitler intended to win first. And then after that, he would see what he would see about the possibilities of a world ruled by Europe ruled by Germany. So far, of course, he hasn't even won the European war because England said Noand meant it. The Americans had a great argument about whether to back up England in this war. Ultimately we were bound to do so-but Hitler hoped to conquer or settle with England before we got round to it. Under the leadership of Franklin Roosevelt, ably supported by Wendell Willkie in this fundamental issue of human liberry, the United States decided to go at least as far as lease-lending. . . .

There are or have been a number of other wars. Hungary took Transylvania from Rumania. Russia took the Baltic States. Italy attacked Greece. Russia attacked Finland and later Finland attacked Russia. Iran fought England for a few hours. England crippled the French Fleet and fought France for Syria. The whole Moslem Middle East is in a state of unresolved warfare. The biggest of all the wars to date is, of course, the war between Germany and Russia. And there is also the war between America and Japan.

Now it is no doubt possible to construct one or more theories which will prove that all these wars are the same thing And there may be some trething the theories. But to the present, let us take the facts as we find them. The chave recently been ind there are now a number of different wars in the world -and all the wars, rying and dead, have now become mixed up together in the most gigantic struggle for power in the history of man.

"This is all one war." Yes-provided we understand all the different things it is made up of. And we ought also to understand that this is all one was principally because America makes it so. This is true for the profoundest reasons. But it is also manifest in episodic detail. Without America, England would have been defeated and the war in Europe would be over. Churchill himself has recognized America's part in Britain's salvation. Again, without the dream of America (however dim and disappointing), the hope of freedom could hardly have survived in conquered Europe and there could be little talk today of a revolt of the conquered peoples. And once again, it was America which in the end would not appease Japan. Churchill has made clear that his whole foreign policy was a) to get America in and b) to keep Japan out. He was 100% right for England and the Empire under the circumstances. Actually, of course, it was impossible that America should be in the European war and not in the Astatic war. This was clear when lease-lend came along. Lease-lend had to include China-otherwise it was nonsense, for its purpose was to assist those who resisted aggression. China did not get much out of lease-lend, but the principle was there. In short, if America was going to fight a purely nationalistic war, that war was going to be against Japan, not Germany. If America was going to fight a world war, then obviously that included the Pacific and Asia. Mr. Churchill might have liked it otherwise. But otherwise it could never have been.

"This is all one war." Yes-above all for us,

because for ws there must be one worldwide victory. Otherwise, we lose. That is what our instincts as Americans tell us when we use the other phrase: "We must win the war and we must win the peace

Is that phrase true? Yes—but it also needs to be carefully understood. For it is a mistake to think that the peace is separate and different from the war. War and peace are indivisible. The kind of peace we get depends to a great extent on the kind of war we fight.

Let us take a quick, concrete illustration. The fact that General MacArthur and his men have fought so well and so long has already made an enormous difference to our future relations with the Filipinos. Had MacArthur made a poor fight and been overwhelmed in ten days, the Japanese would have had a much easier time convincing the Filipinos that Americans, after all, aren't much good, and sign up for Asia-for-the-Asiatics. That would have a) greatly increased our difficulties in regaining the Islands, and b) made much more difficult the working out of a future harmonious relation between us and the Filipinos. MacArthur said: "I must not fail." He has not failed. By his magnificent fighting, MacArthur has already written a chapter of the peace in South Asta.

Let us take an illustration in the contrary sense. If Singapore falls, and if Australia feels that the defense of the Empire was not nearly good enough, then an outline of another part of the peace is written. And this part says; Australia cannot depend primarily on Great Britain for her safety; she must therefore depend primarily on America.

These are two relatively small parts of the human map, but already huge implications for the peace loom out of the actual conduct and fortunes of the war. We must win the peace—yes—but after the war there won't be so much of it to win as you think. We are winning and losing the peace right now, every day.

We are in this thing to the limit—to utter



THERLANDS: ALEXANDED LOUDON

NEW TEALAND, MON EDANN LANGSTONE



In Rughesting

The samples of Japanes

Collection for A. Foll

SOUTH AFRICAL MINISTER CLOSE

UGOSLAVIA: CONSTANTIN A. FOTETCI

defeat or to worldwide victory. We will see it through. And since it is really a world war, it is not merely a war against Japan, nor is it merely a war against an objectionable creature called Hitler. It is far more than that It is a war for all men everywhere who love and desire freedom. President Roosevelt has ably and rightly said: "We shall not fight isolated wars, each nation going its own way... American Armed Forces must be used at any place in all the world where it seems advisable to engage the forces of the enemy."

If the war has two phases—if it is our war against Japan as a nation, but our war against Hitler as the embodiment of the New Order—it is nevertheless America's war against far more than this. It is war against the cleavage of mankind into Right and Left which, tearing Europe asunder, made Hitler's victories possible.

It is war against the hidden civil war which, raging throughout the world, weakened the structure of nations until much of their national identity had been lost before Hitler overwhelmed them. It is war against the tactics of that hidden civil conflict—the poisoned intrigue, the staged demonstration, the organized slanders, the bribery, the rumors, the infinite sterile plotting of minds which can make no creative contribution to peace. It is war against the politics of unprincipled power, the setting of group against group, of labor against business, business against government, farmers against wage earners, which turns the rivalries of politics into class war.

Because America alone among the nations of the earth was founded on ideas and ideals which transcend class and caste and racial and occupational differences, America alone can provide the pattern for the future. Because America stands for a system wherein many groups, however diverse, are united under a system of laws and faiths that enables them to live peacefully together, American experience is the key to the future.

It is Americans who make this a world war. And only Americans can make it make sense. Because it is America's war, no American need expect that this war will be explained to him by foreigners. It is rather that he will be required to explain it to others. If the system under which the American has lived and learned triumphs, it does not only mean that Democracy as a system will have proved superior to Totalitarianism as a system on the field of battle. It means that democratically-trained American citizens, acting in accordance with the best of their training, will have said the right things at the right time, and taken the right actions at the right moment, until the mass of these happenings, measured against the words and actions of the enemy, will prove stronger—the words more persuasive and more telling, the



News! News! Amazing New Brushless.

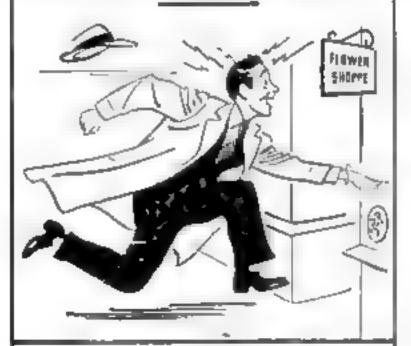
DRAT IT! YOUR WEDDING ANNI-VERSARY COMING UP-AND THE FIRM SENDS YOU OUT OF TOWN!



YOU WANT TO DO SOMETHING. EXTRA-NICE TO TELL YOUR WIFE YOU REMEMBERED. BUT YOU'RE



IDEA! GO TO AN F.T. D. FLORIST-ASK HIM TO TELEGRAPH FLOWERS!



YOU COULDN'T FIND A LOVELIER WAY TO TELL HER HOW MUCH SHE MEANS TO YOU!



"Say it with Howers"

*Look for thin F.T.D.—Florists' Telegraph Delivery—emblem before you buy. It is the mark of the world's top-flight florists -your guarantee of complete satisfaction.

WIRE FLOWERS THROUGH AUTHORIZED FLORISTS' TELEGRAPH DELIVERY ASSOCIATION MEMBER SHOPS

Copyright 1942, Fluciate' Telegraph Delivery Association

AMERICA'S WAR (continued)

actions more unexpected, more ingenious and more courageous, the faith more renacious, the determination more stubborn

Americans are prepared to struggle desperately and painfully to win the war, to work long hours, to live through defeats and rejoice in victories. But only when Americans see the whole war as America's war, and the whole peace as essentially America's peace, only then will they give what it will take -in resourcefulness, in initiative, in risk and courage—to win the war and the peace.

In the end, what do we Americans want to get out of this warwhen hundreds of thousands of our young men lie dead and most of our vast treasure is spent? It is very simple. We want the kind of world we want. What kind of world is that? A perfectly ordered world with everything automatically arranged for perpetual happiness? We do not delude ourselves. We demand, simply, a world in which we can continue to develop our own American life according to its basic principle of individual liberty under law. Obviously no one else is going to give us that kind of worldaccidentally or on purpose. We must, for the most part, make it ourselves. History is on our side-if we are brave enough. For the grand coincidence of this moment in history is that the kind of world we require is entirely agreeable to the vast majority of mankind.

But-and here is the great big "but" in the American soul-Americans doubt whether we can achieve the kind of world we want. When we wonder what it is we are worrying about—the answer is: we doubt the future. That is why we keep on saying: "We must win the war and the peace." (Other countries are not worrying about the peace-they worry only about the war. It is uscless for them to worry about a peace which they are incapable of creating.) We haven't worried much about winning the warindeed, we have worried much too little. What has worried us is whether we can win the peace-whether, that is, the world isn't going to hell anyway. This is the doubt which we must cast out of our hearts. How? By action-by fighting a desperate and dangerous war.

Sure, the world is certainly going to hell if we don't do anything about it. And if we fight with might and main, it may still go to hell. Man has always faced these alternatives. Now the alternative depends, most of all, on us. We might succeed. We might establish an epoch in history of which Americans could be proud for endless generations.

How, then, are we to go about winning the war and the peacesince we win both together?

To those who think that we are certain to win the war, this question is of no particular interest. In the past few weeks there have been times when a casual reading of the news gave the impression that the war was practically won. According to one theory, the Russians have fatally crippled the German Army and as a result of this shock, Germany is about to collapse internally. Meanwhile, according to this theory, we need not mind about the fall of Singapore or the fall of the Philippines of the fall of the Netherlands Indies, for even if Japan conquers the whole of Asia, it is nothing to worry about because, of course, as soon as Germany collapses, Japan will have sense enough to realize that the jig is up.

Anyone who entertains any such notion as this fails to realize that this is above all America's war. And if he expects the Russians or the British or any other people to win this war for us, he is inviting defeat for America-the most dreadful defeat that any nation ever suffered. This is America's war and America must WIG It.

Pearl Harbor changed a great many things in this complacent nation. It produced an automatic national reaction. But did it automatically guarantee us victory? It is the instinct of patriotism to answer yes. But upon all of us as patriots there lies the compulsion to think as well as to feel. Did the Japanese figure that Pearl Harbor automatically guaranteed their own defeat? Scarcely. And so we must ask the question—are we winning or losing?

The answer is: we are losing—we have been losing steadily for three years (since Munich) and, although Germany has received a serious serback in Russia, there is no evidence that the worldwide tide of battle has shifted in our favor.

There is therefore little value in asking whether we will win the war. The paramount question is: bow?

The total problem is, of course, incredibly vast. The chessboard is the entire world and all humanity are the pawns and pieces and nobody knows all the rules. But still we must play-with imagination and conviction. And so, from the vast complexity, I select three relatively simple concepts as keys to the whole.

GRATINIEN GRIPAGE III

"The Man Who Smokes a Pipe"

Patiently he settles back While others have their say, A'puffing on his briar pipe His thoughts seem far away, But his mind is keen and active And he's weighing every question, And when, at last, he does speak up, He makes a sound suggestion.

Yes, the man who amokes a pipe Is more inclined to "think things out," For he takes the time to concentrate And knows what he's about And if he's smoking Edgeworth From that famous tin of blue-Well, there's evidence his judgment Can be trusted through and through.

What is it about Edgeworth that enables a pipe smoker to enjoy such complete relaxation? Well, that's a question Edgeworth smokers have been debating for years.

Smoke America's Finest Pipe Tobacco yourself - and you'll probably come up with your own answer. In the famous blue tin or the handy pocket pouch, 15 cents.

--- SEND FOR SAMPLE (At Our Expense)---200 So 22nd St., Richmond, Virginia. Please send me at your expense a generous samp v of googworth Ready-Rubbed - America s Finest Pipe Tobacco. Please print your name and saldress riparty City or Town 9 1948, Laren & Bro. Co.



gives wings to your morning shave

MANE BY DORMAN OGPRES NAZOE CO., DEPT. A, MYSTIC, COMIL



OVERNIGHT From New York via Seaboard R.R

VICTORY IS A QUESTION OF TIME

THE most vital battle today is a fight to gain Time in producing the many essentials of war.

For every hour gained now will hasten the hour of victory.

Every week gained now will spare the lives of thousands of fighting men.

Every month gained now will speed the return of peace and happiness to suffering men, women and children throughout the world.

From dawn to dawn, twenty-four hours each day, the nation's Airlines are gaining Time for the nation's war industries and Military forces.

They carry tons of essential parts and material at the greatest possible speed...to break bottlenecks and prevent factory tie-ups in every state. They carry countless Army and Navy men, executives and technicians, tons of mail, blue prints and official orders thousands of miles beyond as well as within our borders...in bours, not days...to speed the tempo of production.

They make it possible for ordinary business to do its job with the speed and efficiency demanded of everyone in a nation at war.

By annihilating distance, the speed of Air Transportation creates for the United States and her Allies the key to an earlier victory... Time itself!

YOU can help speed Victory. Buy Defense Bonds and Stamps. Invest your money now.



For information on schedules, faces, etc., to any point on the domestic or international Authors, ask only travel agent or arrive office, or write to Am Thansport Association. In 5 Massachusetts Ave., Washington, D. C.



WHERE SAFE, SURE BATTERIES ARE VITAL

Ray-O-Vac LEAKPROOF Batteries are vital to defense; and now, more than ever, vital to your home. The patented armor-clad construction ... the test-proven longer life ... guarantee your flashlight against damage—and guarantee you sure, portable light when you need it. For your flashlight—or your small battery radio—get Ray-O-Vac LEAKPROOF, log at all better stores—flashlight protection plus

RAY-O-VAC COMPANY, MADISON, WISCONSIN

longer life, at no extra cost.



-and it lasts longer!

AMERICA'S WAR (continued)

First, the instrument of victory is American production.

Second, the condition of victory, which is most important because least understood, is a complete, unswerving partnership between America and China.

Third, the imperative of victory is American leadership. The war must be mostly America's war, mostly American-managed, mostly American-fought and mostly American-won.

It goes without saying that these three concepts by no means state the whole problem. But taken together, these three concepts may serve to clarify the problem for Americans.

First, as to production, we all of us feel much happier now because a modest Chicagoan, Donald Nelson, has been given the authority which every intelligent person has known for so long had to be given to someone before we could really get going. We believe the green light for him is the victory light for us

Production is, of course, not simply a matter of machines breeding machines. Production is men and women. Machines are not made only of materials. Machines are brains plus labor—eager brains plus arduous and enthusiastic labor. The men and women who count are not only those at the machines—but all American men and women, for all are necessary to the vast effort of spontaneous enterprise and efficiency.

There is one other simple comment that ought to be made about production. How did we get Donald Nelson and his green light? We got him, in no small part, through the vigorous functioning of public opinion through the medium of a free press. So, maybe a free press isn't a luxury after all. Maybe it's a weapon we cannot afford to lose. Of one thing we can be sure—it is best to abolish all talk and semblance of a free press unless readers and editors will see to it that it is kept vigorous and strong, brave and fearliess, and implacably bent on victory—nothing but victory.

American production is the instrument of victory. And the Titan will fashion a sword worthy of his forge. But the sword is useless when the war is over-useless, that is, until the next war, at which time it will have become rusty and must be forged all over again at the cost of much pain and treasure. But will the war be over before we can fight it? In Asia it may be soon won by the Japs. And still somehow we might manage to beat Germany. And then what? And then, our military friends tell us, we could set out to attack the whole of the coast of Asia and all its islands and we could do the job-in about seven years. Well, maybe we will have to fight that war. Meanwhile, we would like to win this war. And that means not losing it in Asia. But the war would be lost in Asia-very quickly and totally lost-without a fighting China. Therefore, a necessary condition of victory is the strongest possible partnership with China. The American people are for it. They don't know much about China but they feel this-and their instincts are right-that the people of China and the people of America are and should be friends, and that working and fighting together we can work out a truly happy destiny for the great Pacific Ocean and all the lovely shores and islands that it washes President Roosevelt showed farsighted statesmanship when he recently asked for a \$500,000,000 loan for China. This may prove to be the most fruitful financial transaction in American history.

Now somebody may be saying: "Well, don't you think Hitler is our No. 1 enemy, just as Knox said?" My answer is: Hitler is our enemy and when we call any man or nation our enemy, we feel no need to qualify. We do not use the name of enemy lightly for our-selves or for our country. By the same token, Japan is the enemy of our country and China is the friend of our country—and we make no qualification except to pray that both the enmity and the friendship may be worthily implemented with all our hearts and all our strength and all our soul.

A fighting alliance with China is absolutely vital for the vital necessity of winning this war. It is absolutely vital for the purpose of smashing Adolf Hitler. But when you look into the future of mankind, the Sino-American partnership takes on an even grander importance. For on that partnership depends the peaceful and happy commerce between all the people of the West and all the people of the East.

Does the problem of the future haunt and worry us? Then think what the future is. In human terms it is very largely Asia.

Think, then, what Asia is. Asia is not tin, rubber, tungsten, tea, silk, etc., etc. Asia is not "markets." Asia is people. In India 350,000,000 people—good, bad and indifferent, speaking various languages, practicing different religions—but all people. In the Netherlands Indies and Malaya, 75,000,000 people. In Korea, waiting for the day of liberation from Japan, 20,000,000 people.



In Manchukuo, ditto, 35,000,000 people. In Japan, itself, 75,000,000 people who must be made tragically to realize that they cannot be the overlords of Asia and who then, in a sense, will be waiting for liberation from their own crimes and follies. And then, greatest of all, the central block which is the key to all the rest—the 450,-

boo, boo people of China.

In times long past, these various peoples have each had some significant epochs. In recent centuries, they have not had much history of their own, and they have been only a passive factor in the history of the world. But now they come—all one billion of them—onto the stage of living history and man's development. Now they are the future—half, and more than half, of the future

progress of mankind.

The coming of the people of Asia onto the stage of living history changes the whole outlook of mankind. For as we become vividly aware of the whole human family, we will see—yes, even old Europe will see—that there can no longer be any such thing as the conquest of one people by another. But all mankind will be concerned with one conquest only—the conquest of the future. That is the only kind of conquest that ever interested America. We have never been interested in conquering the past—in paying off old scores or redressing the boundaries of petry kingdoms. We have pressed forward always to conquer the future. And now—we really have it before us: the future of mankind. It is and will be the American genius to lead in that kind of conquest.

And realizing that what we are involved with is the whole of mankind, we will see that all that man has done in the past was only provincial experiment—and that now in our time is the dawn

of world history.

We have stressed the importance of Asia in the conquest of the future because the immediate military problem makes its contribution most important at this moment, because its possibilities for resolving the doubts and dilemmas of the West are least understood. Americans have thought much of Europe. It was to Europe, to the old home, to the birthplace of American culture, that Americans traveled when they could—traveled physically as tourists and traveled in their imaginations when they read Europe's news and views on how the war could be won and the peace organized.

In the years when Americans journeyed to Europe, the one great lesson brought home was that there can be no health for America unless there is also health for Europe. In the years since the war began and Europe's lack of health is daily revealed in the headlines, the great insight we have gained is that Europe cannot heal herself. It may well be, as Louis Adamic proposes in his fascinating Two-Way Passage, that after the war it will be necessary for American immigrants from Europe to return to the mother country to apply in action there the democratic experiences that America has given them as individuals.

Apart from Europe and yet a part of it is the only other great organization of human life that can rank with America—the British Empire. In the architecture of the United Nations, Americans and Britons alike recognized that the two powers must be the strongest part of the foundation. In Britain's darkest hour, Winston Churchill, in a grand phrase that was half American colloquialism and half

British rhetoric, called for the intermingling of British and American interests: "Let it roll. Let it roll on full flood, inexorable, irresistible, benignant, to broader lands and better days."

There need be no further insistence on the intention of Americans and Britons to work out their victory together. That intention goes deep into the common experience, the common language, that unites them even without formal organization to hold them together. It can be traced back to the days when Thomas Jefferson, as independent and adventurous as any American President, proposed that America would "marry the British Fleet" if America faced the menace of Europe subjected by a conqueror. It leads up to the days when John Hay, pondering the future of Asia, said that the balance for peace and civilization would be lost for ages unless America and Britain united to meet the challenge and the responsibilities of Asia.

Now that the intention is accepted, the great problem is to make it work as a living reality. If America is to inherit much of the experience and much of the responsibility for world order that Britain has carried for so long, the British inheritance cannot be viewed statically: a collection of political institutions, a body of great literature, an intricate, if a little outworn, economic machine. It cannot be an inheritance that can be transported bodily from London to Washington in the way that United States millionaires once imported the best castles, stone by stone, to reassemble them in America, but with modern plumbing. Nor can the inheritance be seen only in terms of its outward wealth—the British Fleet,

they're the fastest selling tea balls in Am-er-i-ca!"



I "It's a large-mouth bass," said John, staring into his teacup. "Oh, goodie!" said Jackie, looking over his shoulder "I bet those little fellers are bass eggs!" "Bath yeggs!" crowed Susan delightedly from her high chair.



2 I was amused, but also annoyed. How could I help it if a few specks came through the tea ball into the cup? "My mother used these tea balls," I told John, "and what was good enough for my mother is good enough for us!"



"Your mother didn't ride in an airplane," roased John, "but she would now! Times have changed! Beth Stevens makes her tea with Tender Leaf Tea Balls. Wonderful! Every one a tea filter! No specks in the cup!"



"Beth Stevens!" I sniffed. "She would be different!" "Here's a bet!" John came back. "\$25 for your Surgical Dressings, against a \$25 Defense Bond, that your grocer sells more Tender Leaf Tea Balls than any other kind"



Tender Leaf Brand Tea Balls are made of an improved filter paper—tasteless, odorless, insoluble in water. All the wonderful flavor and strength of the tea are filtered into the cup—protected against stray tea leaves or "specks." Every Tender Leaf Tea Ball comes in a separate envelope, untouched by human hands until you use it. Your grocer has Tender Leaf Tea Balls—8, 20, 50 or 100 to the package—America's largest selling tea balls.

John and I were at the grocer's together on Saturday. "What kind of teaballs do you sell most of, Georgio?" John asked. "Teaballs?" said Georgio. "I sell the Tender Leaf TeaBalls—u hoosh—like the skyrocket! It is the fastest selling teaball in Am-er-i-ca!" P.S. We have another Defense Bond in our family—and I adore Tender Leaf TeaBass.

Listen to "One Mon's Family" on the NBC Red Network every Sunday

ACTORS' FACES are EXTRA sensitive to Shaving Cream

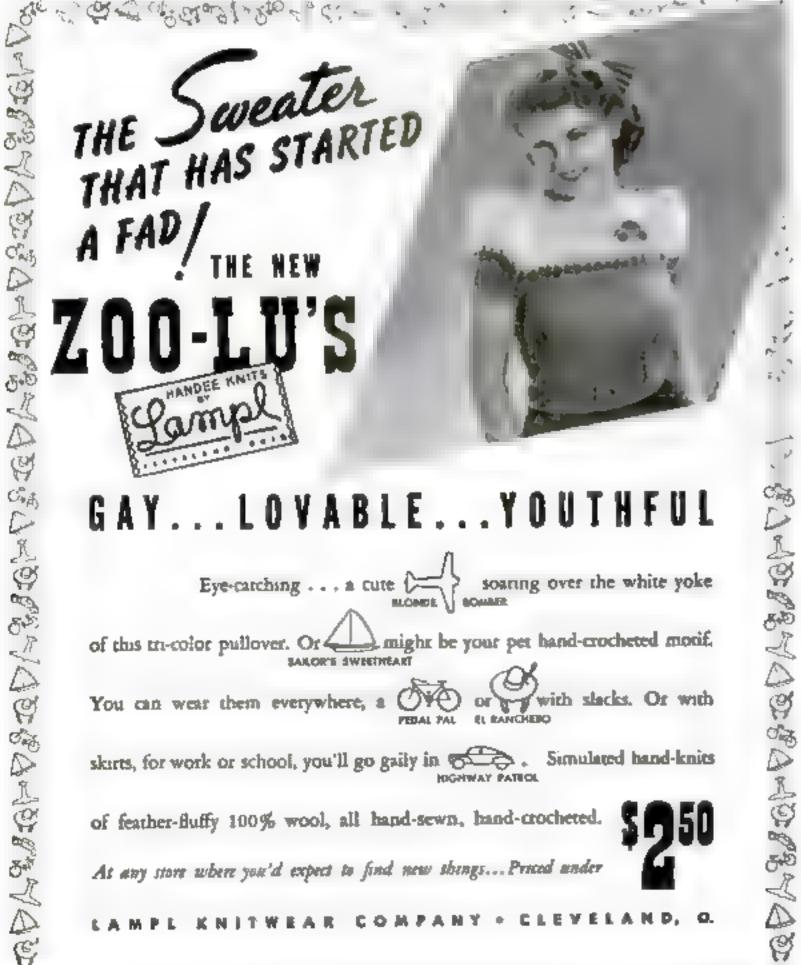


- that's why ALFRED LUNT uses WILLIAMS

DEMOVING make-up every day is hard on an actor's skin. His face may become highly sensitive to irritants in shaving cream.

A truly mild shaving cream can be made only with rich, top-quality ingredients, blended as carefully as 3 prescription. Such a cream is Williams, made with the skill of over 100 years.

The rich, dense Williams lather is wonderfully bland and mild-geotle to a tender skin. It lets you get close shaves in comfort. shaving cri Try Williams Shaving Cream. Get a tube



souring over the white yoke Eye-carching . . . a cute ()

of this tri-color pullover. Or might be your pet hand-crocheted motif.

You can wear them everywhere, a OVO with slacks. Or with

skirts, for work or school, you'll go gaily in Simulated hand-knits

of feather-fluffy 100% wool, all hand-sewn, hand-crocheted.

At any store where you'd expect to find new things... Priced under

AMERICA'S WAR (continued)

the colonies, the raw materials, the foreign trade. Never in history have two great powers successfully and consciously negotiated the transfer of so much power from one to the other-but if, in the years to come, much of the burden of the protection of the dominions is to move from London to Washington, if Australia and Canada are more and more to look to America for leadership and strength, the transfer can only be made if Britons and Americans alike are prepared to see the difficulty and delicacy of the move, to have faith in its success despite the inevitable conflicts and misunderstandings, to know its final value as truly as Britons now know the worth of their own long history and Americans know the pride of their democratic experience.

And so, finally, whether we look to the East or to the West, whether we think of war or of peace, it is evident that the imperative of vectory is American leadership. Am it a must be first in the work of farm and factory. America must be first on the fields of battle-and on sea and in the air. America must be first in the councils of war and America must be first in the policy of the world.

To some, the words America First may sound strange in a journal which has sought to be truly "international" in its outlook. But anyone who has truly felt the imperative of internationalism in our time has also felt the imperative of American leadership. There can be no genuine internationalism in our time which is not in-

spired by American leadership.

Why is this so? What is the inner historical meaning of the imperative of American leadership? You can find it in geography, you can find it in economics-in the sheer weight of our power. But you can find it above all in the things which cannot be seen or touched. America is unique among all the nations of history in that it alone was founded on ideas and ideals—ideas and ideals of human liberty, of constitutional law. America stands for the grand assumption that all men are equal in the love of God and for the intention that they shall achieve a progressive equality on earth. These tremendous ideas are the by-products of the struggle and thought of other civilizations. For us, they are not by-products, but foundations.

To be sure, these foundations have become obscured and the superstructures greatly confused in this epoch of change and turmoil. It is a serious question whether our American ideas and ideals are sufficiently intact. A year ago President Robert Hutchins of the University of Chicago, arguing against intervention, raised this question when he said:



"The reason why we have no chance to help humanity if we go into this war is that we are not prepared. I do not mean, primarily, that we are unprepared in a military sense. I mean that we are morally and intellectually unprepared to execute the moral mission to which the President calls us."

That was a forceful argument—the best one on the isolationist side of our two-year debate

But there is an answer. When life's great challenges come, you have to meet them with what you've got. It may not be enough —but the great challenges are rarely postponable. Morally speaking, the devil does not usually attack when you are in the pink of moral perfection. So also, historically speaking, nations may choose their own time for highway tobbery; they can never choose the time of their own testing. As has been said of old, Judgment cometh like a thief in the night.

So it has come to us. Now we shall prove whether or not the great experiment in human liberty on this continent is anything except a trivial episode in the history of mankind. Must mankind forever be ruled by tyrannical governments or mulcted by crafty and cynical politicians? Or, in fact, can the people be trusted with liberty? Now this must be proved—not merely for a colonial province or a great nation or even a hemisphere but for the whole world.

For this is the dawn of world history—the meeting up of all the peoples of the earth. And the opportunity is given to America to determine whether under the leadership of her ideals this dawn of world history may be one of reasonable hope and justice for all mankind.

Every age or epoch is inspired by what may be called its inevitable idea—the ethos of the century. There need be no doubt as to the inevitable idea of our time—it is, quite evidently, the coming together of all peoples, within nations and between nations, in ever closer and more complex relationships—in short, the unity of mankind.

And by the same token, it is easy to pick from out of the whole vocabulary of man the one word which expresses the bright hope—and the agonized desire—of our time. That word is brotherhood—the brotherhood of man.

The brotherhood of man is both an existing fact and a far-off goal. It began at the beginning of time—and its end is beyond the loftiest ranges of poetry.

But never in all history has brotherhood had such imperative meaning as now. Without it, we allies are nothing; with it we are everything, for we are ultimately all men.

Our task is to win the war and create a family of nations. That family will require an elder brother, strong, brave and, above all, generous. America must be the elder brother of the nations in the brotherhood of man.

PATRICTIC SLOGANS ON MOUNTAIN INCLUDE UNIVERSAL BROTHERHOOD OF MAN









Skis are stacked with ends up outside the entrance to Timberline Lodge. The U.S. Forest Service leases by bling to a stock company of Portland skiers who run it as a buge botel.



For on skis meladed, this trick of shifting under another s legs, ski leapfrog and ski jumping over one another



Initiation ceremony ends with candidates skung under crossed poles of

Life Goes on a Skiing Weekend

Timberline Ski Club members have fun in the snow at Mt. Hood, Ore.

Halfway up the rugged slopes of Mt. Hood, Oregon's highest mountain 05 miles east of Portland, lies Timberline Lodge, one of America's finest skiing centers. Built with WPA labor in 1937 out of native rock and massive hand-hewn timber, this Government-owned, million-dollar enterprise boasts an \$80,000 ski lift and, stretching above and below the Lodge, fast trails and broad, wind-swept slopes. Here, two weeks ago, one of the most unorthodox ski clubs in the U. S., the Timberline Ski Club, held its annual party and initiation. With a membership limited strictly to 90, the Club exists not for racing or competition, but purely to have fun.

For this year's party, members began arriving at the Lodge on Saturday afternoon during a snowstorm that lasted intermittently all weekend. Changing to ski clothes, they emerged and held a "snow party" on the slopes, with a tug-of-war, leapfrog and other tricks on skis, finally a free-for-all snow fight which nearly put LIFE Photographer Ralph Morse out of action. That might, in the Ski Grille of the Lodge, the Club held an initiation for its 15 new members. Initiates were given nightgowns and led in through an arch of crossed ski poles. After submitting to several minor humiliations, they were sent to bed with skis ononly to be routed out next morning for an initiates' obstacle race (see below). Still in nightgowns but well padded underneath, they skied while balancing an egg in a teaspoon, wiggled under low bars on their stomachs, finally passed down a line of members for ski swats on the fundament.

Timberliners have their own song, which runs in part:

Up at Timberline where the snow lies deep, Every Sunday morn we like to snooze and sleep; We wake up in the morning about half-past nine And never get our skis on 'til dinnertime.

Next month Wolfe Tone, composer of this epic, leaves to join the Navy. At his farewell Timberline party he told his friends that he hopes to sing it soon while skiing down the snows of Mt. Fujiyama, Japan.





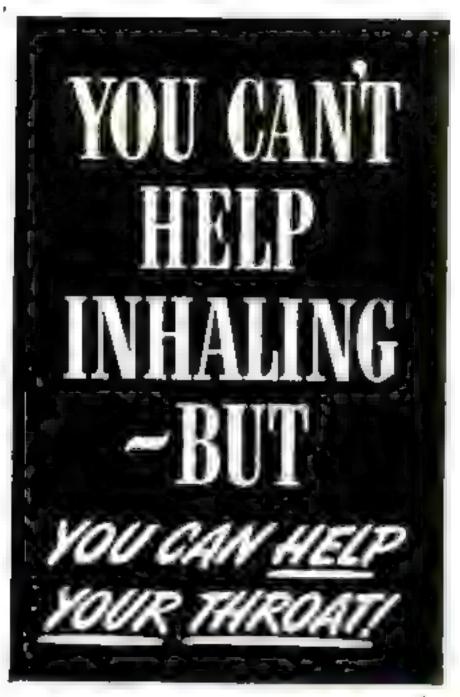
members and trying to divest themselves of nightgowns while en route.



Obstacle race finds exhausted but game untrates trying hard to sky under a ladder without carrying it with them.



A free-for-all in the snow is the climax of the afternoon. Several members who had artificially fortified themselves against the cold amused every one by not being able to get on their feet.



T'S true—all smokers somesimes inhale. But—between PHILIP MORRIS and other leading cigarettes there's a tremendous difference in irritant qualities. Doctors who compared the five leading brands report that . . .

IN STRIKING CONTRAST TO PHILIP MORRIS, IRRITANT EFFECTS OF THE FOUR OTHER LEADING BRANDS AVERAGED MORE THAN THREE TIMES AS HIGH — AND LASTED MORE THAN FIVE TIMES AS LONG!

Finest tobaccos—of course.

But that's not enough!

PHILIP MORRIS are made

differently. They tasta better

--- they're proved batter for
your nose and throat.



Just Remember – It's America's Finest Cigarette



TIMBERLINE LODGE STANDS AT EDGE OF FOREST, AT FOOT OF MILE-LONG SKI





OW. BELOW: SKIERS FIND IDEAL CONDITIONS ON SLOPES OF 11,251-FT. MT. HOOD





How to see twice as much of your America

ON A TRAIN TRIP TO CALIFORNIA

This is your America—three million square miles of beauty and glorious traditions. This is the country we are fighting for

How many of the 48 states have you seen? Do you know how yest and thrilling this country really is?

We'd like to show you our part of America. We're the biggest railroad in the West, and we're doing a big wartime job. But we know that travel is .mi oriant, too. For every American who really seenth's country will be all the more determined to defend it at any cost.

Here's how you can see America, from border to border and coast to coast, on a round trip tacket to California: go West on one of Southern Pacific's Four Scenic Routes and return on another S. P. route. Thus you will see an entirely different part of the United States each way. You'll see twice as much as you would by going and returning on the same route—for not lt'extra rail face from most eastern and mid-western places). For example:

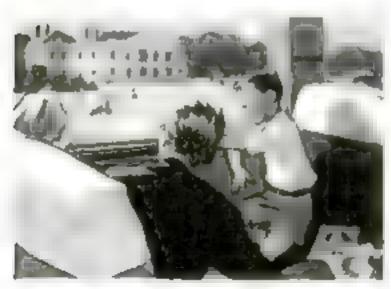




1. New Orleans begins your trip to California on Southern Pacific's romantic Sunset Route see map above). You will love the Creole City's famous restaurants, the Mississippi River waterfront, the century-old buildings that have known the flags of seven nations.



2. Royal Street in the French storter of New Orleans looks like with the right and of a course on killer of our fishing the antiques, and in the right course for he had a street of the right and Carado since in quantital of the right course of his with flow.



3. The Old South glides by your window as you speed West on Southern Pacific's famous Sunset Limited or Argonaut. Stately plantation homes, fields of cotton and sugar cane, lazy bayous, groves of venerable cake and sypress draped with Spanish moss.

Free Calor Guide Book!

Mail this coupon and we'll send you,

free, our 32-page guide book to the

West, illustrated with 63 natural color photographs. Address O. P. Bartlett,



4. Southern hospitality rides with your on Southern Pacific's Senset Roote through I we issue and mighty Texas. Houseon San A on where the March Strong I are the way to Carathad Caseria National Fork I and Southern Arizonal I as An a superthe small contribute a form of Day at the small contribute and the small contribut

From San France cover car pet cut income to O cell 1d the de meno of hence of S acta. Reference to Pacial Northwest We have her comes to an another extra large to a state of the sanctions extra large to a state of the sanctions.

| Jept. LE 2, 310 So. Michigan Ave., | |
|---|--|
| hicago, Illinois. This offer is restrict- | |
| d to adults only. | |
| Vame | |
| | |

City____State ___

If child, please give age

| The Friendly |
|------------------|
| Southern Pacific |
| Railroad |

Tife on Sking Heckend (continued)



Negotiating the steps down at the Ski Grille is part of the two-day institution ceremony. But the Timberlane Ski Club members were only part of a regar rowd of 2,000



For dinner clus members reserved the Lodge being room, cut in ski clothes to Bayas rian music, now rapidly becoming known in music circles as Viennese. The group of



Skiers enter Lodge under this arch and stack their equipment. While a blussard raged outside, everyone came made to dance schottisches and polkas until the small hours.



Portland businessmen, no sportsmen who lease the Lodge from the Government pay \$250 a year for the privilege, will ultimately turn over the operating profits as well,





Here's how to smoke all you want-

Do war nerves make you need the relief and enjoyment of more smoking? Do you reach for extra cigarettes to ease the tension? And do you get harsh warning signals from your mouth, throat and breath? Switch to new Julep Cigarettes and smoke all you want! The hint of mint in Juleps freshens your mouth at every puff, caresses your throat, leaves your breath pleasant and inviting. Start today — enjoy Juleps and banish over-smoking symptoms!



No more "dark-brown" toste.

The miracle-mint in Juleps freshens the mouth at every puff. Even if you're a chain-smoker, your mouth feels clean, refreshed at end of day.



No row "borned-out" throat
The miracle-mint stays in the
smoke of Juleps, caresses your
throat. No harsh, "burnedout" feeling — even if you
smoke 20-40-60 Juleps a day.



Unpleasant tobacco-breath is a common form of halitosis. But . . . the hint of mint in Juleps lingers, leaves your breath pleasant and inviting.

switch to JULEPS and switch to JULEPS and switch to JULEPS and swoke all you want!

Smoke all you want!

Why are all Cigarettes flavored & Because most smokers find straight mbaccos too strang, every leading American cigarette contains some flavoring-oxusity licotice, sugar, chocolater nam, etc. But only Juleps contain a miracle-most essence developed at a great university to improve Nature's finest ubaccos.

PENN TOBACCO COMPANY, WILKES-BARRE, PA.

(NOTE: Do not confuse Juleps with menthol tasting cigarettes)



Surgeon's sampler abows tremendous variety of stitches, some designed for specific purposes, some the product of a surgeon's fancy. Note (middle left) purso-string stitch

SUTURES: SURGEONS HAVE DEVELOPED

Even in ordinary times, half the population of the U.S. sooner or later bas statches taken in its skin and tossies. For the many more statches that must be taken in the wounds of war, the U.S. surgical supply industry is this year prepared to wind more than 50,000,000 yd. of suture strands. Production, paced by Ethicon Suture Division of Johnson & Johnson, New Brunswick, N.J., which has quadrupled its capacity, will be more than enough to satisfy the needs of the U.S.

The raw material for the surgeon's thread is the catgut that strings harps, violins and tennis rackets. Provider of gut, however, is not the cat but the sheep. It is the first 24 ft. of the sheep's small intestine just beyond its stomach that goes into sutures. For some purposes the



Stitching begins inside of abdomen. Successive Invers of tissue in the abdominal wall are here represented in this demonstration of surgical needlework by layers of felt.



used to bury appendix stump, and metal chps $(upper\ left)$ used instead of final skin auture. Sutures through white buttons and rubber tubes relieve tension on skin sutures.

A FINE ART OF KNOTS AND STITCHES

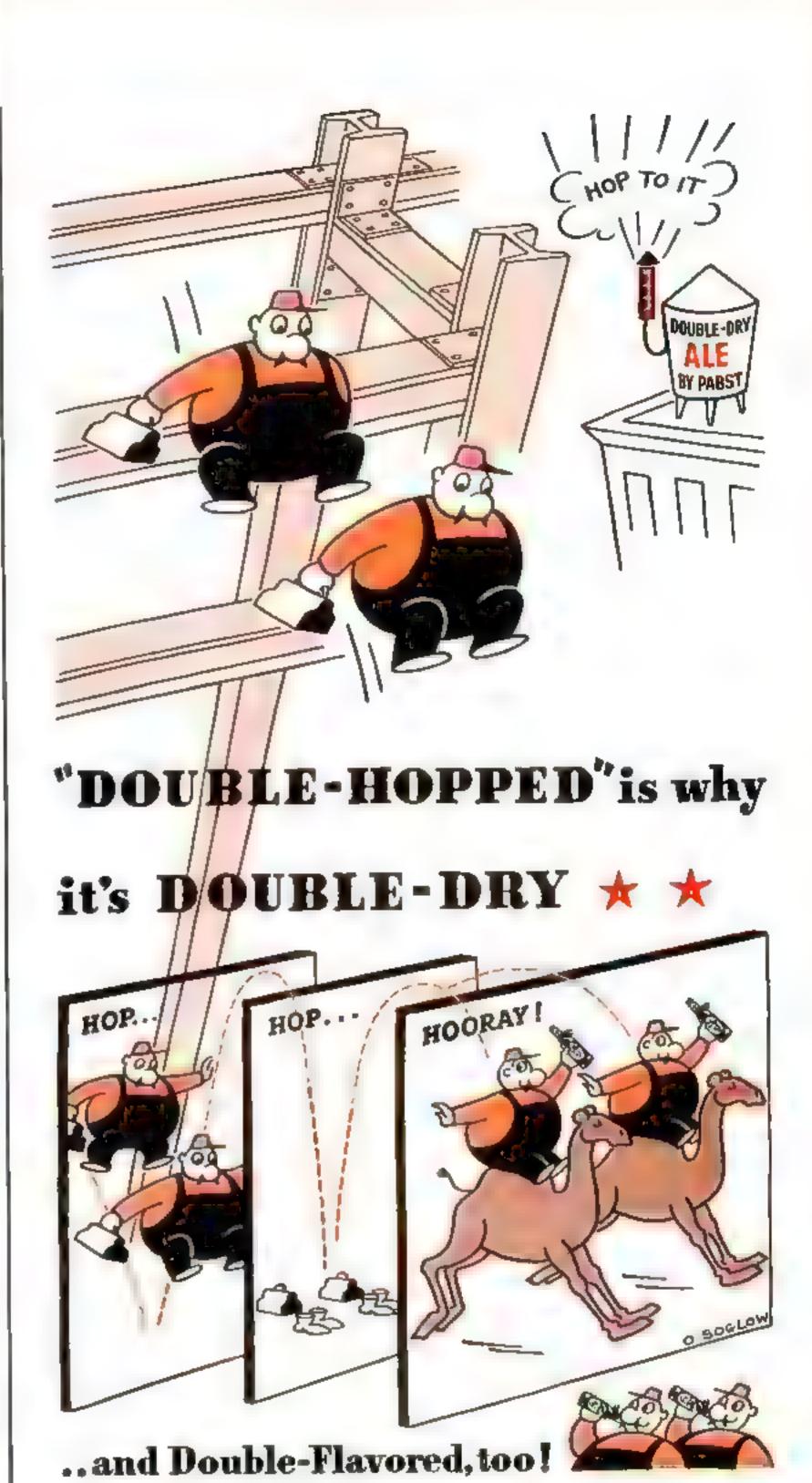
thread is treated to slow up its speed of absorption in the tissues into which it is sewn. Sutures for external skin stitches are sometimes made of silk.

During the last 40 years, surgeons have developed an extraordinary variety of knots and stitches that is only partly represented in the sampler above. Most of the stitches shown are used for the final sewing of the skin. Even fancier are the purse-string, base-ball, mattress, Cushing, overlap and lock stitches, which are used for situring the organs and holding together the successive layers of tissue below the skin. Most recent development are the exquisitely fine needles and sutures (shown at right above) that are used in nerve, blood-vessel and eye surgery.



Muscle sheath, the fascia, is drawn together over muscles, which have been parted but not cut. Surgeon has already sewn the peritoneum (white felt) with continuous stitch.

CONTINUED ON NEXT PAGE





To wet your whistle after work, try the ale that's "DOUBLE-HOPPED" for double dryness, double refreshment. How's it done? Well, first hope are added the usual way, in the brew kettles. Then, in a unique and costly process, additional sacks of choice young hope are suspended in the tanks where the ale is aged. Slowly, the fragrance and flavor of these tender, succulent blossoms is absorbed by the ripening, mellowing ale. That's why for thirst it's a keener-quencher . . . for appetite a better-whetter. Hop to it and see!

Copyright 1942, Pabst Brewing Company, Milwaukee





The girls agree that white shirts agree with their men-and buy them in line with their likings. Be as good a shopper for yourself as your wife-sweetheart-daughter is. Choose Manhattan Shirts because they're:

SIZE-FIXT—your size for keeps. Average fabric shrinkage 1% or less.
MAN-FORMED—designed on living models and cut to fit your figure.
COLLAR-PERFECT—in a style to suit your face and fit your neck.

If your next white shirts are Manhattan, you'll get a loud "yes" of approval from your mirror and your Mrs.!





Sub-skin fat timues are pulled looseis together by continuous storia Retractors can now be withdrawn.



2 Sub-skin suture is knotted with and of a side solder to treated gut used here absorbs rapidly.



With end of sutnee held between middle and fourth fingers, first built of knot is completed and tightened.



Second half of knot is manapulated like the first. Surgeon can the knot in two swift motions



9 Two hands are used to the firmshing square knot, with free end of strand and loop held on last stitch.



10 Lock stitch holds skin margins together, keeps stitches at right angle to the incision.



13 Sub-cuticular statch leaves almost invisible scar. It is here anchored with lead shot pinched on strand.



14 Needle is pushed sideways into deep skin layer. Surface is punctured only at incision ends



3 Surgeon begins skin suturing by putting straight needle through all layers of skin.



To anchor the suture, surgeon starts one-hand tie of square knot by looping suture loosely over three fingers.



7 Knot is tightened. Most skin suturing is done with non-absorbablesilk, removed in week.



8 Continuous lock stitch is sewn by drawing free strand of suture under the needle as each stitch is taken.



Suture is trimmed half inch from knot. In demonstration, felt represents tissues.



12 To relieve suture tension, heavy strands are drawn through deep layers and then tied across the incision.



15 Sub-cuticular suture is here half completed. Suture is alsorbed week after operation.



16 Suture is pulled taut and second lead shot is clamped on. When suture is absorbed, the lead shot comes free.

WHAT DO BARBERS THINK OF ELECTRIC SHAVERS? Ohe world's largest barber shop

This ad was run by the world's largest barber shop chain in New York, Chicago, Detroit, Cincinnati, Pittsburgh and Baltimore newspapers.

REVOLUTIONARY STATEMENT ABOUT DRY SHAVING!

WE ADOPTED DRY SHAVING a couple of years ago when we convinced ourselves that we could give as good a shave electrically as we could with a straight razor. Today we feel differently about that!

Now we're prepared to say that any Terminal Master Barber, because of the amazing technical improvement in the shaver we use, can give you a faster, a closer, a cleaner shave with his electric shaver than he can with a straight razor—and if you don't think so, by George, we'll refund your money.

This is easily understandable. With the REMINGTON FOURSOME—which, by the way, we use exclusively—we can draw the toughest beard taut, shave against the grain repeatedly thus cutting off each hair closer to the skin and do it without drawing

blood—a feat we find absolutely impossible with the finest honed straight razor procurable.

Bepli B. Shusu

"Where the Promise is Performed"

TERMINAL BARBER SHOPS

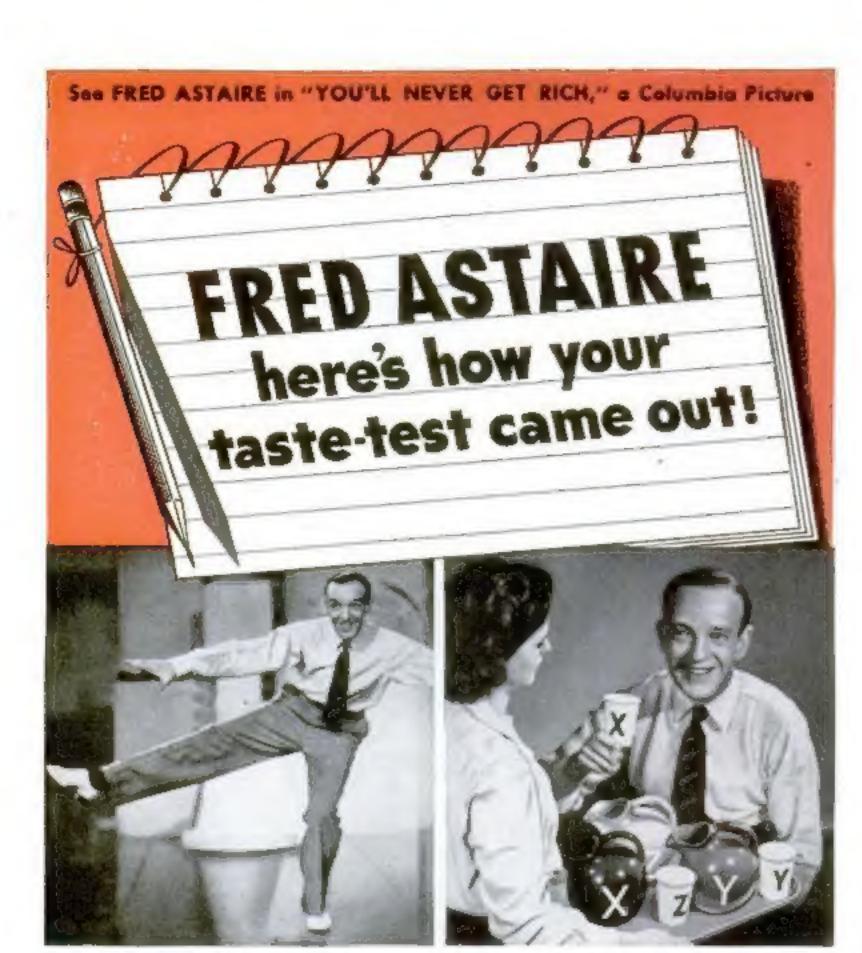
Joseph B. Schusser, President

New York, Chicago, Detroit, Cincinnati, Pittsburgh, Beltimore



BARBERS by the thousand have proved that Remington Multiple-head shavers give a shave that nothing can touch. Try a free demonstration of Remington's "faster, closer, cleaner shave" at your Remington dealer's today. General Shaver Div. of Remington Rand Inc., Bridgeport, Conn.

REMINGTON AMERICA'S FASTEST-SELLING ELECTRIC SHAVERS



Superb is the only word for Fred Astaire's dancing in his latest Columbia Picture "You'll Never Get Rich." But it sure takes plenty of energy and practice. (Take time out for a quick-up, Fred!)

2 Here is fred taking Royal Crown's famous cola taste-test, drinking the nation's best-known colas. The cups, as you can see, are unmarked. (Tell us, Fred, which one tastes best to you?)



"I cost my vote for this one"—says Fred Astaire. "Its flavor makes it my taste-test winner." Another great Hollywood star picks the cola more than fifty leading stars prefer—Royal Crown Cola.



Fake a tip from Fred Astaire. Winter or summer, whenever you're feeling hot, tired or thirsty, take time out for a quick-up with a frosty bottle of Royal Crown Cols.



PICTURES TO THE EDITORS

THE QUIET WAY HOME

Sirs

James Watson coming home one night found his house dark and locked, decided to come in by way of the chimney so as not to disturb his family. The chimney was smaller than he anticipated and firemen spent an hour trying to get him out without knocking a brick in his face. Next time he'll wake his family— in the first place.

ALFRED HUMPHREYS

Los Angeles, Calif.







Would You Pay 50¢ a Pack?

Let's be perfectly

frank! Would you

continue to smoke

your present ciga-

rette if the price were

suddenly raised to 50

Many smokers have

told us they'd stay with Dominos-no matter what they

"Dominos", they say, "give me an extra

something-a rich,

smooth taste I've always wanted in a

eigarette." Discover

Dominos!

cents?

cost!



CIGARETTE HAS

1. Quality Blend 7. Firmly Rolled

3. Vocuum Cleaned

Champagne Cigorette Pop



AMERICA'S BEST CIGARETTE BUY!

@ 1942, Larus & Hro. Cu.





Dr. Scholl's Zino-pads instantly stop tormenting shoe friction; lift aching pressure; give you fast relief. Ease tight shoes; prevent corns. Separate Medications included to quickly remove corns. Cost but a



Dr Scholl's Zino pads

PICTURES TO THE EDITORS

(continued)

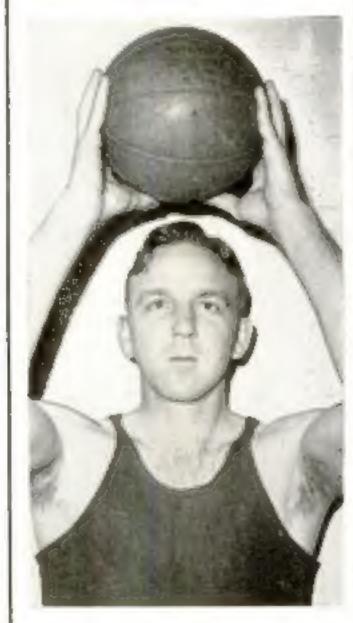
A MAN-SIZED JOB

Sirs:

An assignment to take a full-length picture of Joe Fontenberry, 6-ft. 7-in.-tall basketball star, proved too big a job for my miniature camera, as I was unable to squeeze him into my lens without standing a block away. I solved the problem by taking these three pictures. Joe was four times named All-American when he played with the Phillips Oilers.

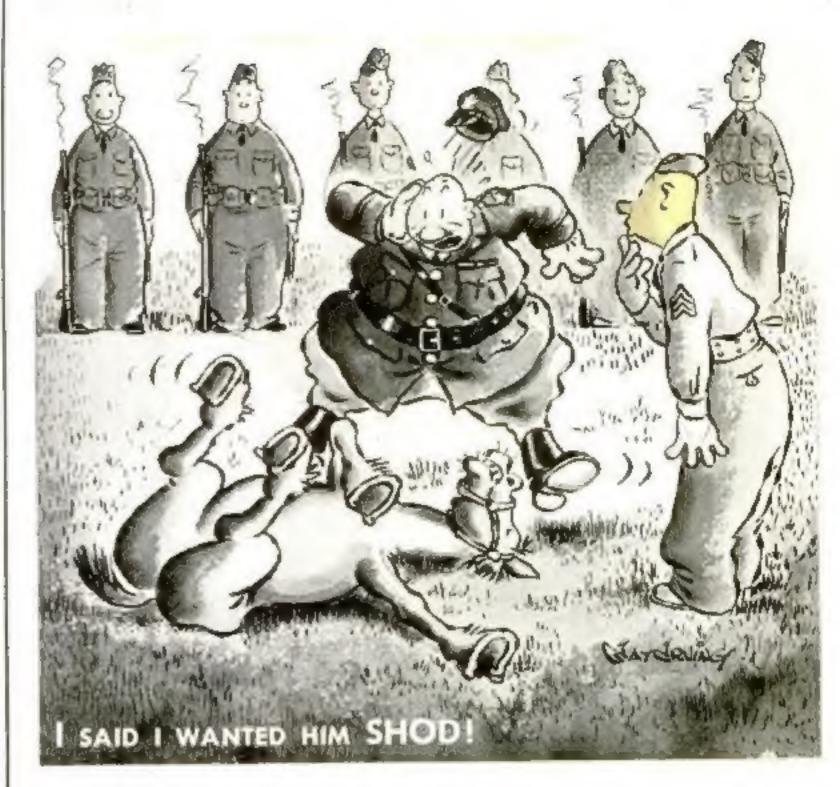
BILL STOCKWELL

Oklahoma City, Okla.









MISTAKES WILL HAPPEN!

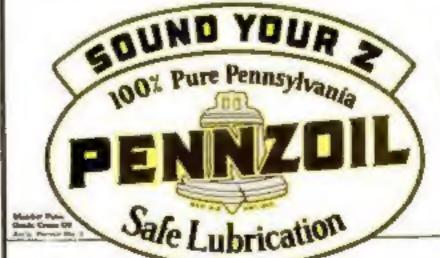
So when you specify top Pennsylvania oil, be sure to . . .



Don't chance any misunderstanding when you order PennZoil.

Your car is too precious to risk getting—by mistake—anything else (and there are more than 700 other and widely different brands of Pennsylvania oil).

There's only one sure way to protect your engine with this sludge-resisting Pennsylvania oil . . . Stop at the PennZoil yellow oval sign—and be sure the attendant hears your Z when you say, "Give me PennZoil!"



"Z"man DIRECTORY SERVICE

For the location of your nearest dealer, just call the number listed under Pennzoii in your phone book!



MAKE PENNZOIL

MORE PROTECTION PER MILE, MORE MILES OF PROTECTION! Sludge and engine varnish harm modern engines

which should run 75,000 miles or more without major repairs. PennZoil is refined especially to resist these engine enemies, and to protect vital parts with a tough, long-lasting film.

OTHERS STOP HERE

GIVES YOUR ENGINE AN EXTRA MARGIN OF SAFETY

PERSPIRATION IS ACID

... it RUINS stockings!



• Carelessness can wreck your precious stockings so guard them against the ever-present danger of acid perspiration this modern, easy way—with simple Ivory Snow care after each wearing. You'll get as much as ½ more stocking wear!

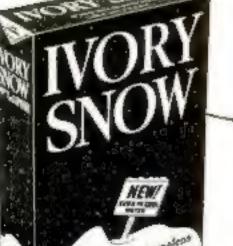
But use only Ivory Snow to fight perspiration. For only this different soap combines 2 important advantages. It is not a flake, not a powder—it is pure soap made in tiny "snowdrop" form to explode into suds in 3 seconds—even in cool water! And how quickly those thorough-cleansing suds act! A two-minute daily sudsing, and you'll be rid of dangerous acid perspiration—you'll get up to 20% more stocking wear!

ONLY IVORY SNOW COMBINES BOTH THESE ADVANTAGES

It is pure, white soap made under a patented process in tiny "snowdrop" form...
 It dissolves like a flash in cool water — 4 times faster

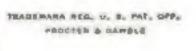
then any soap of its kind.

No wonder Ivory Snow acts so safely, so surely against acid perspiration, to help stockings last far longer!



995%%% PURE

RICH SUDS IN JUST 3 SECONDS— EVEN IN <u>COOL</u> WATER!



WANT LOVELIER HANDS IN 12 DAYS?

If your hands are red and rough from using one of those strong washday soaps—change to pure Ivory Snow for all your dishwashing. It cuts grease as fast as the strongest

as the strongest laundry soap. And injust 12days you'll get softer hands!

PICTURES TO THE EDITORS

SLEEPING DOG

Sirs

There is nothing my dog would rather do than find a comfortable spot in the cool Pacific sand and take a long snooze in the sun, completely oblivious of anything that may lurk behind him. On the beach the other day I was reminded of the situation of a certain great power that found itself asleep on the same sand. Note, though, that the dog was fighting mad and ready for a scrap he knew he could win when the "yellow" tide came

W. G. BRANDES

Canoga Park, Calif.





AIR-RAID LOOKOUT

Sirs

Speaking of Pacific Coast defenses here is one West Coast resident who won't be caught napping. Harold H. Fick of Portland is going to take no chances that his house will be bombed, at least not while he is in it. To guard against such an event, he has built this air-raid lookout atop his house, complete with radio detector and soundproof walls. The canopy is made of heavy celluloid. Now even the neighbors rest more easily

RUSSELL REED

Portland, Ore.



CONTRIBUTIONS: Minimum rates for all rights, including resale and reuse: \$5 per photograph. Amateur photographers are welcome as contributors but their work must compete with professionals on an equal basis and will be judged (and paid for) as such. Unsolicited contributions however, whether professional or amateur, will be neither acknowledged no returned unless accompanied by adequate postage, packing and directions. LIFE will not be responsible for sale handling of same either in its office or in transit. Payment will be made only on approval and publication. Address all correspondence about contributions to CONTRIBUTIONS EDITOR, LIFE Magazine, TIME & LIFE Building, Rockefeller Center, New York